

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2020 Levee Inspection Results

Lake County Watershed Protection District

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 01 Middle Creek			Left	3.35
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/1/2020 - 4/2/2020			
DWR Inspector	Luz Dial			
Accompanied By	Yuliya Osetrova Lake County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0009_01_s_2013_1				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0009_01_s_2013_9				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0009_01_s_2013_10				
Comment Code					
Inspector Comment					
The LMA completed flood fight training last December 2019.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	24
LM End	0.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.188465 °	39.187905 °
				-122.907687 °	-122.907817 °
DWR ID	DWR_NA0009_01_f_2019_24				
Comment Code					
FE : Fence					
Inspector Comment					
The landowner needs to move the fence outside of the levee R/W line, which is 5' landward of the levee toe per As-builts CC-4-4-29.					

Photo 1 of 1 : SP_2020_NA0009_3_24_20200302_00010.jpg



View of the fence along the landside toe.

LM Start	0.17	Rating **	M	Issue No.	535	
LM End	0.17	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.188158 °	39.188158 °	
				-122.907846 °	-122.907846 °	
DWR ID	21191					
Comment Code						
Inspector Comment						
DS_ID:21191 FS_ID:55694 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/16/2019 Crossing has been updated from No Action Needed to Non-Urgent due to no evidence found of pipe or any appurtenances. Unable to determine status of pipe through the levee. Recommend completing a geophysical investigation to determine if line is still present through the levee. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 4-inch steel pipe of an unknown purpose through the levee, 3 feet below the crown. Siphon breaker in pipe well on the landside (LS) slope. Pressure valve on apex of pipe at levee shoulder. Weld flanges and wooden caps on both ends. Service pole on the berm. (Snow). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.17), Station M316+80, 4-inch pipe, dwg no. CC-4-4-29, Index Sheet 6: page 6, 40 of 64]. FS Date: 10/16/2019 3:57:00 PM						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	0.30	Rating **	C	Issue No.	34
LM End	0.30	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.186306 °	39.186306 °
				-122.908376 °	-122.908376 °
DWR ID	DWR_NA0009_01_s_2019_34				
Comment Code					
CR : Crops					
Inspector Comment					

No Photos

LM Start	0.32	Rating **	M	Issue No.	36
LM End	0.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.186058 °	39.186058 °
				-122.908590 °	-122.908590 °
DWR ID	DWR_NA0009_01_s_2019_36				
Comment Code					
DE : Debris					
Inspector Comment					
Landowner needs to clear debris and prunings from the levee shoulder and slope.					

Photo 1 of 1 : SP_2020_NA0009_3_36_20200403_00045.jpg



View of prunings and debris on the landside slope. Spring 2020

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	0.37	Rating **	M	Issue No.	536
LM End	0.37	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.185210 °	39.185210 °	
			-122.909432 °	-122.909432 °	
DWR ID	21192				
Comment Code					
Inspector Comment					
DS_ID:21192 FS_ID:55695 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 10/16/2019 Record has been updated from No Action Needed to Non-Urgent due to evidence of pipe abandoned through the levee and missing permit authorizing encroachment. Coordinates have been updated based on the evidence of potential pipe through the levee discovered under the DWR DMP geophysical investigation report. The coordinates were updated from 39.185470, -122.909130 to 39.1852099, -122.9094322. New location is about 121 feet downstream (d/s) from previous location. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 8-inch coated steel pipe of an unknown purpose through the levee, 3 feet below the crown. Siphon breaker in pipe well on the landside (LS) slope. Corrugated metal cutoff wall and pressure valve on levee shoulder. 8-inch by 6-inch reducers with flanges on each end. (Moitozo Brothers, Inc.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.37), Station M308+79, 8-inch pipe, dwg no. CC-4-4-29, Index Sheet 6: page 6, 40 of 64]. FS Date: 10/16/2019 3:57:00 PM					

No Photos

LM Start	0.54	Rating **	M	Issue No.	40
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.183803 °	39.183803 °	
			-122.911313 °	-122.911313 °	
DWR ID	DWR_NA0009_01_s_2020_40				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	0.56	Rating **	M	Issue No.	537
LM End	0.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183519 °	39.183519 °
				-122.911379 °	-122.911379 °
DWR ID	21193				

Comment Code

Inspector Comment

DS_ID:21193
FS_ID:55696
EP_NO: 5237
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/16/2019 Record remains Non-Urgent; crossing has been abandoned. Owner will need to coordinate with CVFPB to remove or abandon crossing per Title 23 requirements. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/09/2014 Pipe appears abandoned and should be done so properly. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: *ABANDONED* 6-inch coated steel irrigation pipe possibly sleeved through an 8-inch steel pipe, 3 feet below the crown. Siphon breaker in 24-inch corrugated metal riser unit on the landside (LS) slope. Reinforced concrete cutoff wall at center of levee. Butterfly valve on the waterside (WS) at pump on concrete base on the WS bank. Pole on the WS berm with overhead power line supplying electricity to the pump. (Installed under Permit No. 5237, 1966 - Moitoyo Brothers, Inc.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.54), Station M296+75, 8-inch pipe, dwg no. CC-4-4-29, Index Sheet 6: page 6, 40 of 64].
FS Date: 10/16/2019 3:57:00 PM

LM Start	0.56	Rating **	M	Issue No.	537 (cont)
LM End	0.56	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55696_49782.jpg



Pipe and siphon breaker visible on LS slope.

Photo 2 of 3 : UCIP_SP_2020_55696_49781.jpg



Power pole, meter, and pump visible on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	0.56	Rating **	M	Issue No.	537 (cont)
LM End	0.56	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.183519 °	39.183519 °	
			-122.911379 °	-122.911379 °	
DWR ID	21193				

Photo 3 of 3 : UCIP_SP_2020_55696_49780.jpg



Pump and butterfly valve on WS berm.

LM Start	0.61	Rating **	M	Issue No.	538
LM End	0.61	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.182667 °	39.182667 °	
			-122.911339 °	-122.911339 °	
DWR ID	21195				

No Photos

Comment Code					
Inspector Comment					
DS_ID:21195 FS_ID:55691 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/16/2019 Record has been updated from No Action Needed to Non-Urgent. No records were made available to determine the status of the crossing. DWR DMP did not find any signals of crossing through the levee however, record will remain in UCIP's records until a future levee improvement project can confirm status of pipe. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel pipe of an unknown purpose through the levee, 3 feet below the crown. Siphon breaker in pipe well on the landside (LS) slope. Wooden caps on both ends. (Moitozo Brothers, Inc.) [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.62)]. FS Date: 10/16/2019 3:58:00 PM					

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	0.62	Rating **	M	Issue No.	539
LM End	0.62	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.182626 °	39.182626 °
				-122.911403 °	-122.911403 °
DWR ID	21194				
Comment Code					
Inspector Comment					
DS_ID:21194 FS_ID:55693 EP_NO: 11468 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/16/2019 Record has been updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (Pipe retained through the levee under Automatic Board Order (ABO) issued as Permit No. 11468, 1975 - Moitozo Brothers, Inc.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, Station M293+50, 24-inch pipe, dwg no. CC-4-4-29, Index Sheet 6: page 6, 40 of 64]. FS Date: 10/16/2019 3:58:00 PM					

LM Start	0.62	Rating **	M	Issue No.	539 (cont)
LM End	0.62	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55693_49785.jpg



Drain pipe visible at concrete headwall on LS toe.

Photo 2 of 3 : UCIP_SP_2020_55693_49784.jpg



Drain pipe visible at concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	0.62	Rating **	M	Issue No.	539 (cont)	
LM End	0.62	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.182626 °	39.182626 °	
				-122.911403 °	-122.911403 °	
DWR ID	21194					

Photo 3 of 3 : UCIP_SP_2020_55693_49783.jpg



CMP as visible from LS toe.

LM Start	0.80	Rating **	M	Issue No.	43
LM End	0.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.180177 °	39.180177 °
				-122.912402 °	-122.912402 °
DWR ID	DWR_NA0009_01_s_2020_43				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	0.84	Rating **	M	Issue No.	540
LM End	0.84	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.179534 °	39.179534 °
				-122.912512 °	-122.912512 °
DWR ID	21196				
Comment Code					
Inspector Comment					
DS_ID:21196 FS_ID:55697 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/16/2019 Record remains Non-Urgent; crossing has been abandoned. Owner will need to coordinate with CVFPB to remove or abandon crossing per Title 23 requirements. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/09/2014 Pump and pipe appear abandoned and should be done so properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 3 feet below the crown. Siphon breaker in 24-inch corrugated metal riser unit on the landside (LS) slope. Pump on the waterside (WS) bank with a butterfly valve. Service pole on the WS berm. (Moitozo Brothers, Inc.). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.83), Station M281+70, 8-inch pipe, dwg no. CC-4-4-29, Index Sheet 5: page 5, 39 of 64]. FS Date: 10/16/2019 3:59:00 PM					

LM Start	0.84	Rating **	M	Issue No.	540 (cont)
LM End	0.84	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55697_49789.jpg



Siphon breaker in 24-inch cmp riser with vent on LS shoulder.

Photo 2 of 3 : UCIP_SP_2020_55697_49788.jpg



Pump, pole, and meter on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	0.84	Rating **	M	Issue No.	540 (cont)	
LM End	0.84	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.179534 °	39.179534 °	
				-122.912512 °	-122.912512 °	
DWR ID	21196					

Photo 3 of 3 : UCIP_SP_2020_55697_49787.jpg



Pump and butterfly valve visible on WS berm.

LM Start	1.18	Rating **	M	Issue No.	39
LM End	1.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.174953 °	39.174953 °
				-122.912263 °	-122.912263 °
DWR ID	DWR_NA0009_01_s_2020_39				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.19	Rating **	C	Issue No.	41
LM End	1.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.174900 °	39.173837 °
				-122.912280 °	-122.912688 °
DWR ID	DWR_NA0009_01_s_2019_41				
Comment Code					
CR : Crops					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	1.32	Rating **	C	Issue No.	42
LM End	1.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.173132 °	39.172120 °
				-122.913097 °	-122.914173 °
DWR ID	DWR_NA0009_01_s_2019_42				
Comment Code					
CR : Crops					
Inspector Comment					

No Photos

LM Start	1.57	Rating **	M	Issue No.	38
LM End	1.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.169850 °	39.169850 °
				-122.915190 °	-122.915190 °
DWR ID	DWR_NA0009_01_s_2020_38				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.58	Rating **	A/W	Issue No.	25
LM End	1.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.169800 °	39.169800 °
				-122.915242 °	-122.915242 °
DWR ID	DWR_NA0009_01_f_2019_25				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill three rodent holes.					

Photo 1 of 1 : SP_2020_NA0009_3_25_20200302_00011.jpg



View of rodent holes on the landside slope. Fall 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

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Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.04	Rating **	M	Issue No.	541	
LM End	2.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.163126 °	39.163126 °	
				-122.915600 °	-122.915600 °	
DWR ID	21241					
Comment Code						
Inspector Comment						
DS_ID:21241 FS_ID:55700 EP_NO: 15865 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 10/16/2019 Record has been updated from No Action Needed to Non-Urgent, unable to confirm alignment; permit recordation notes pipe was never installed from 1983 to 1999 due to property litigation. 03-10-1999 permit owner requested permit stay active. Recommend auditing permit to confirm if pipe was ever installed. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 6-inch polyvinyl chloride pressurized sewer line through the levee, 3 feet below the crown. Cutoff wall around pipe at center of levee. Sanitary Sewer manhole on the waterside (WS) shoulder. (6-inch pipe authorized under Permit No. 15865, 1992 - Zachary Calhoun). FS Date: 10/16/2019 3:56:00 PM						

Photo 1 of 1 : UCIP_SP_2020_55700_49870.jpg



SS manhole visible on WS shoulder.

LM Start	2.10	Rating **	U	Issue No.	45
LM End	2.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.162198 °	39.162198 °
				-122.915488 °	-122.915488 °
DWR ID	DWR_NA0009_01_s_2019_45				
Comment Code					
DT : Ditch					
Inspector Comment					
The landowner dug a pit approximately 24' x 12' x 3' within the theoretical levee prism and ran a metal pump hose over the crown.					

Photo 1 of 2 : SP_2020_NA0009_3_45_20200302_00016.jpg

View looking downstream at a storage pit dug into the levee prism.
Spring 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.10	Rating **	U	Issue No.	45 (cont)
LM End	2.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.162198 °	39.162198 °
				-122.915488 °	-122.915488 °
DWR ID	DWR_NA0009_01_s_2019_45				

Photo 2 of 2 : SP_2020_NA0009_3_45_20200302_00017.jpg



View looking downstream at a metal hose that ran across the levee crown. Spring 2019

LM Start	2.12	Rating **	U	Issue No.	26
LM End	2.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.161995 °	39.161995 °
				-122.915383 °	-122.915383 °
DWR ID	DWR_NA0009_01_s_2016_26				
Comment Code					
MA : Material					
Inspector Comment					
Remove large gravel piles from the LS toe. There also is a gate that does not appear to be authorized.					

Photo 1 of 1 : SP_2020_NA0009_3_26_20200302_00012.jpg



5/2/2016: Remove large gravel piles from L/S toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.26	Rating **	M	Issue No.	542
LM End	2.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160327 °	39.160327 °
				-122.913998 °	-122.913998 °
DWR ID	21240				
Comment Code					
Inspector Comment					
DS_ID:21240 FS_ID:55702 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/16/2019 Record has been updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (two 36-inch pipes [HLM 2.26] retained under Automatic Board Order (ABO) issued as Permit No. 11460, 1975 - Robert L. and Lavona Gentry). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.26), Station M206+00, two 36-inch pipes, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64]. FS Date: 10/16/2019 3:56:00 PM					

LM Start	2.26	Rating **	M	Issue No.	542 (cont)
LM End	2.26	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55702_49853.jpg



Pipe and Concrete headwall visible on LS toe.

Photo 2 of 3 : UCIP_SP_2020_55702_49852.jpg



Pipe and Concrete headwall visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.26	Rating **	M	Issue No.	543 (cont)
LM End	2.26	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.160272 °	39.160272 °	
			-122.913966 °	-122.913966 °	
DWR ID	21197				

Photo 2 of 3 : UCIP_SP_2020_55703_49848.jpg



Concrete headwall and pipe visible on LS toe.

LM Start	2.26	Rating **	M	Issue No.	543 (cont)
LM End	2.26	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55703_49847.jpg



Concrete headwall and pipe visible on WS berm.

LM Start	2.27	Rating **	M	Issue No.	37
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.160197 °	39.160217 °
				-122.913810 °	-122.913653 °
DWR ID	DWR_NA0009_01_s_2020_37				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.29	Rating **	M	Issue No.	13
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.160285 °	39.160285 °
				-122.913481 °	-122.913481 °
DWR ID	DWR_NA0009_01_s_2013_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_3_13_20200302_00005.jpg



View of the vehicle erosion along the waterside slope.

LM Start	2.33	Rating **	M	Issue No.	544	
LM End	2.33	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.160717 °		39.160717 °
				-122.913071 °		-122.913071 °
DWR ID	21198					
Comment Code						
Inspector Comment						
DS_ID:21198 FS_ID:55704 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/16/2019 Record has been updated from No Action Needed to Non-Urgent; no maintenance records were made available to determine the status of the pipe through the levee. Recommend geophysical investigation to determine if pipe is still present through the levee. No permit has been identified authorizing pipe through the levee. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 4-inch conduit of an unknown material or purpose through the levee, 5 feet below the crown. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/16/2019 3:56:00 PM						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.35	Rating **	M	Issue No.	545	
LM End	2.35	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.161002 °	39.161002 °	
				-122.912843 °	-122.912843 °	
DWR ID	21199					
Comment Code						
Inspector Comment						
DS_ID:21199 FS_ID:55705 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/16/2019 Record remains Non-Urgent, need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/14/2014 Heavy vegetation on LS at inlet should be remove. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on both ends. (42-inch pipe [HLM 2.35] retained under Automatic Board Order (ABO) issued as Permit No. 11460, 1975 - Robert L. and Lavona Gentry). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.35), Station C4+90, 42-inch pipe, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64]. FS Date: 10/16/2019 3:56:00 PM						

Photo 1 of 3 : UCIP_SP_2020_55705_49862.jpg



Heavy vegetation at inlet on LS toe.

LM Start	2.35	Rating **	M	Issue No.	545 (cont)
LM End	2.35	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_55705_49861.jpg



Concrete U-shaped headwall on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.35	Rating **	M	Issue No.	545 (cont)
LM End	2.35	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.161002 °	39.161002 °	
			-122.912843 °	-122.912843 °	
DWR ID	21199				

Photo 3 of 3 : UCIP_SP_2020_55705_49860.jpg



Concrete U-shaped headwall and flap gate on WS berm.

LM Start	2.36	Rating **	M	Issue No.	47
LM End	2.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.161122 °	39.161122 °
				-122.912742 °	-122.912742 °
DWR ID	DWR_NA0009_01_s_2019_47				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from the levee shoulder.					

No Photos

LM Start	2.36	Rating **	A/W	Issue No.	14
LM End	2.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161153 °	39.161153 °
				-122.912740 °	-122.912740 °
DWR ID	DWR_NA0009_01_s_2013_14				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_3_14_20200302_00006.jpg



View of the vehicle erosion along the waterside slope. Spring 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.36	Rating **	M	Issue No.	46
LM End	2.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.161160 °	39.161655 °
				-122.912752 °	-122.912262 °
DWR ID	DWR_NA0009_01_s_2019_46				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_3_46_20200302_00018.jpg



View of wild growth on the landside slope. Fall 2019

LM Start	2.38	Rating **	M	Issue No.	15
LM End	2.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.161381 °	39.161935 °
				-122.912551 °	-122.911883 °
DWR ID	DWR_NA0009_01_s_2013_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim the trees to at least 5 feet above the ground for visibility, and remove the vegetation from the slope.					

Photo 1 of 1 : SP_2020_NA0009_3_15_20200302_00007.jpg



Trim the trees up 5 feet to allow visibility. Spring 2013

LM Start	2.40	Rating **	M	Issue No.	16
LM End	2.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161601 °	39.161601 °
				-122.912303 °	-122.912303 °
DWR ID	DWR_NA0009_01_s_2013_16				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_3_16_20200302_00008.jpg



View of the vehicle erosion along the waterside slope. Spring 2013

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.42	Rating **	M	Issue No.	17
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161802 °	39.161802 °
				-122.912020 °	-122.912020 °
DWR ID	DWR_NA0009_01_s_2013_17				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_3_17_20200302_00009.jpg



View of the erosion caused by vehicle traffic over the landside slope.
Fall 2014

LM Start	2.44	Rating **	U	Issue No.	546	
LM End	2.44	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.161985 °		39.161985 °
				-122.911665 °		-122.911665 °
DWR ID	21200					
Comment Code						
Inspector Comment						
DS_ID:21200 FS_ID:55707 EP_NO: 11458 Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/16/2019 Record remains Urgent due to holes visible inside pipe wall on the WS outlet and no flap gate located on the WS. Currently, there is no way to prevent water from flowing from WS to LS. Flooding occurred during the 2017 highwater event. Need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)09/06/2018 Inspected this crossing per the request of LMA Rep, Scott Webb. WS pipe does not have a WS closure device and has caused flooding of the roadway due to the flat LS pipe slope and roadway. Classifying Urgent until the flooding risk is reduced by the installation of a WS gate valve (D. Sanoski - DWR UCIP). FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. 24-inch by 36-inch drainage drop inlet visible at edge of pavement on Highway 20. Open on the waterside (WS) end. (Pipe retained through the levee under Automatic Board Order (ABO) issued as Permit No. 11458, 1975 - Fernande and Guido Deghetaldi). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/16/2019 3:54:00 PM						

Photo 1 of 3 : UCIP_SP_2020_55707_50042.jpg



Outlet visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.44	Rating **	U	Issue No.	546 (cont)
LM End	2.44	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.161985 °	39.161985 °	
			-122.911665 °	-122.911665 °	
DWR ID	21200				

Photo 2 of 3 : UCIP_SP_2020_55707_50041.jpg



Some rust on inside of CMP pipe at WS toe.

LM Start	2.44	Rating **	U	Issue No.	546 (cont)
LM End	2.44	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_55707_50040.jpg



Stormdrain drop inlet visible at edge of pavement on HWY 20.

LM Start	2.47	Rating **	M	Issue No.	7
LM End	2.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.161692 °	39.160217 °
				-122.911748 °	-122.912957 °
DWR ID	DWR_NA0009_01_s_2012_7				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_3_7_20200302_00004.jpg



View of a building & fence along the toe of the levee. Fall 2012

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.48	Rating **	M	Issue No.	3
LM End	2.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.161615 °	39.160804 °
				-122.911733 °	-122.912536 °
DWR ID	DWR_NA0009_01_s_2012_3				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The landowner needs to thin out thick brush on the other side of the wire fence along the levee toe easement.					

Photo 1 of 1 : SP_2020_NA0009_3_3_20200302_00001.jpg



View of the vegetation along the landside slope. Fall 2016

LM Start	2.49	Rating **	U	Issue No.	48
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.161472 °	39.161082 °
				-122.911822 °	-122.912258 °
DWR ID	DWR_NA0009_01_s_2019_48				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal holes on both sides of the levee.					

Photo 1 of 1 : SP_2020_NA0009_3_48_20200403_00044.jpg



View of animal holes on the landside slope. Spring 2020

LM Start	2.49	Rating **	M	Issue No.	49
LM End	2.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.161472 °	39.160748 °
				-122.911822 °	-122.912555 °
DWR ID	DWR_NA0009_01_s_2019_49				
Comment Code					
FE : Fence					
Inspector Comment					
The barbed wire fence does not appear to be permitted.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.58	Rating **	M	Issue No.	5
LM End	2.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.160443 °	39.159308 °
				-122.912845 °	-122.913417 °
DWR ID	DWR_NA0009_01_s_2012_5				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_3_5_20200302_00003.jpg



View of the landscape along the landside slope. Spring 2014

LM Start	2.58	Rating **	M	Issue No.	4
LM End	2.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.160398 °	39.160020 °
				-122.912837 °	-122.913186 °
DWR ID	DWR_NA0009_01_s_2012_4				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_3_4_20200302_00002.jpg



View of the fences at the landside toe.

LM Start	2.60	Rating **	C	Issue No.	22
LM End	2.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.160190 °	39.159523 °
				-122.913039 °	-122.913402 °
DWR ID	DWR_NA0009_01_f _ 2016_22				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

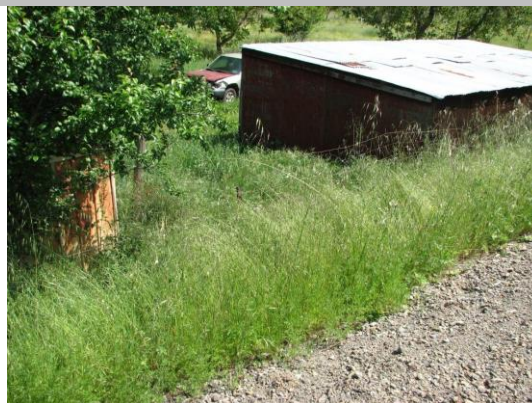
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	2.65	Rating **	M	Issue No.	35
LM End	2.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.159492 °	39.159385 °
				-122.913487 °	-122.913487 °
DWR ID	DWR_NA0009_01_s_2020_35				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.93	Rating **	U	Issue No.	31
LM End	2.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.155553 °	39.155553 °
				-122.914560 °	-122.914560 °
DWR ID	DWR_NA0009_01_s_2016_31				
Comment Code					
BU : Building					
Inspector Comment					
Two wooden sheds - one large, one small - with metal roofs appear to be unauthorized. The landowner needs to move the wire fence to at least 5' landward of the levee toe (R/W per As-builts CC-4-4-29).					

Photo 1 of 1 : SP_2020_NA0009_3_31_20200302_00013.jpg



5/2/2016: Remove or relocate 2 unpermitted sheds on L/S slope and toe.

LM Start	2.95	Rating **	C	Issue No.	12
LM End	2.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.155263 °	39.155263 °
				-122.914668 °	-122.914668 °
DWR ID	DWR_NA0009_01_f_2016_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District

No Photos

No Photos

Remove the trees from the landside toe. Spring 2015

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/01/2020 04/02/2020	Luz Dial

LM Start	3.31	Rating **	M	Issue No.	30
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.150272 °	39.148942 °
				-122.913105 °	-122.912233 °
DWR ID	DWR_NA0009_01_s _ 2020_30				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_3_30_20200403_00043.jpg



View of wild growth along the levee slope and toe. Spring 2020

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 02 Middle Creek			Right	2.66
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/2/2020 - 4/2/2020			
DWR Inspector	Luz Dial			
Accompanied By	Yuliya Osetrova Lake County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.00	Rating **	A	Issue No.	39
LM End	2.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.189814 °	39.155307 °
				-122.907951 °	-122.915745 °
DWR ID	DWR_NA0009_02_s_2020_39				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_4_39_20200513_00068.jpg



View of well-maintained waterside vegetation. Spring 2020

LM Start	0.04	Rating **	M	Issue No.	42
LM End	0.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.189295 °	39.188963 °
				-122.908163 °	-122.908373 °
DWR ID	DWR_NA0009_02_s_2020_42				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	0.08	Rating **	M	Issue No.	19
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.188772 °	39.188425 °
				-122.908465 °	-122.908603 °
DWR ID	DWR_NA0009_02_s_2014_19				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	55	
LM End	0.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.187919 °	39.187919 °	
				-122.908631 °	-122.908631 °	
DWR ID	21201					
Comment Code						
Inspector Comment						
DS_ID:21201 FS_ID:55713 EP_NO: 11485 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record has been updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS). Concrete headwalls on both ends. (42-inch pipe [HLM 0.13] retained under Automatic Board Order (ABO) issued as Permit No. 11485, 1975 - John and Vivian Strickfaden). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.13), Station M315+75, 42-inch pipe, dwg no. CC-4-4-29, Index Sheet 6: page 6, 40 of 64]. FS Date: 10/23/2019 1:44:00 PM						

LM Start	0.14	Rating **	M	Issue No.	55 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55713_50049.jpg



Pipe and headwall visible at LS toe in drainage swale.

Photo 2 of 3 : UCIP_SP_2020_55713_50048.jpg



Pipe and headwall visible at LS toe in drainage swale.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	55 (cont)
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.187919 °	39.187919 °	
			-122.908631 °	-122.908631 °	
DWR ID	21201				

Photo 3 of 3 : UCIP_SP_2020_55713_50047.jpg



Pipe with some sediment at flowline.

LM Start	0.14	Rating **	M	Issue No.	56
LM End	0.14	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.187840 °	39.187840 °	
			-122.908645 °	-122.908645 °	
DWR ID	21202				

Comment Code

Inspector Comment

DS_ID:21202
FS_ID:55714
EP_NO: 11485
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/23/2019 Record has been updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 3 feet below the crown. Siphon breaker at well on the landside (LS) slope. Irrigation well with cinderblock retaining wall on the LS slope. (Pipe retained under Automatic Board Order (ABO) issued as Permit No. 11485, 1975 - John and Vivian Strickfaden). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.13), Station M315+50, 4-inch pipe, dwg no. CC-4-4-29, Index Sheet 6: page 6, 40 of 64].
FS Date: 10/23/2019 1:45:00 PM

Photo 1 of 3 : UCIP_SP_2020_55714_50046.jpg



Source of pipe visible at well on LS shoulder. Cut in pavement also visible along pipe alignment.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	56 (cont)
LM End	0.14	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.187840 °	39.187840 °	
			-122.908645 °	-122.908645 °	
DWR ID	21202				

Photo 2 of 3 : UCIP_SP_2020_55714_50045.jpg



Chainlink fence and cinderblock box around well/pipe on LS shoulder.

LM Start	0.14	Rating **	M	Issue No.	56 (cont)
LM End	0.14	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_55714_50044.jpg



Chainlink fence and cinderblock box around well/pipe on LS shoulder.

LM Start	0.20	Rating **	U	Issue No.	1
LM End	0.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.187039 °	39.187039 °
				-122.908880 °	-122.908880 °
DWR ID	DWR_NA0009_02_s_2016_1				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_4_1_20200302_00001.jpg



View of the building on the landside toe. Spring 2014

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.20	Rating **	M	Issue No.	41
LM End	0.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.187028 °	39.187028 °
				-122.908885 °	-122.908885 °
DWR ID	DWR_NA0009_02_s_2020_41				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.21	Rating **	M	Issue No.	33
LM End	0.21	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.186940 °	39.186940 °
				-122.909067 °	-122.909067 °
DWR ID	DWR_NA0009_02_s_2019_33				
Comment Code					
FE : Fence					
Inspector Comment					
A metal and wooden fence with mesh is installed at the levee toe.					

Photo 1 of 1 : SP_2020_NA0009_4_33_20200302_00013.jpg



View looking upstream at a metal and wooden fence at the levee toe.
Spring 2019

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.24	Rating **	M	Issue No.	57	
LM End	0.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.186794 °	39.186794 °	
				-122.909413 °	-122.909413 °	
DWR ID	21204					
Comment Code						
Inspector Comment						
DS_ID:21204 FS_ID:55717 EP_NO: 11484 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record has been updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (36-inch pipe [HLM 0.23] retained under Automatic Board Order (ABO) issued as Permit No. 11484, 1975 - Rodney Snow). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.23), Station M311+10, 36-inch pipe, dwg no. CC-4-4-29, Index Sheet 6: page 6, 40 of 64]. FS Date: 10/23/2019 1:46:00 PM						

Photo 1 of 3 : UCIP_SP_2020_55717_50322.jpg



Concrete headwall and pipe on LS toe.

LM Start	0.24	Rating **	M	Issue No.	57 (cont)
LM End	0.24	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_55717_50321.jpg



Pipe at inlet.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.24	Rating **	M	Issue No.	57 (cont)	
LM End	0.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.186794 °	39.186794 °	
				-122.909413 °	-122.909413 °	
DWR ID	21204					

Photo 3 of 3 : UCIP_SP_2020_55717_50320.jpg



Flapgate and concrete headwall on WS toe.

LM Start	0.24	Rating **	M	Issue No.	27
LM End	0.28	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.186708 °	39.186210 °
				-122.909405 °	-122.909880 °
DWR ID	DWR_NA0009_02_f_2019_27				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_4_27_20200302_00007.jpg



View of prunings left on the slope. Fall 2019

LM Start	0.38	Rating **	M	Issue No.	17
LM End	0.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.185239 °	39.185239 °
				-122.911018 °	-122.911018 °
DWR ID	DWR_NA0009_02_f _ 2016_17				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_4_17_20200302_00005.jpg



View of the prunings along the landside toe. Fall 2016

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.39	Rating **	M	Issue No.	58
LM End	0.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.185174 °	39.185174 °
				-122.911171 °	-122.911171 °
DWR ID	21206				
Comment Code					
Inspector Comment					
DS_ID:21206 FS_ID:55718 EP_NO: 11478 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record has been updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 7.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. Grouted spillway over revetment on bank. (42-inch pipe [HLM 0.38] retained under Automatic Board Order (ABO) issued as Permit No. 11478, 1975 - William D. and Dorothy L. Allison). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.38), Station M302+80, 42-inch pipe, dwg no. CC-4-4-29, Index Sheet 6: page 6, 40 of 64]. FS Date: 10/23/2019 1:47:00 PM					

Photo 1 of 3 : UCIP_SP_2020_55718_50326.jpg



Pipe and concrete headwall at LS toe.

LM Start	0.39	Rating **	M	Issue No.	58 (cont)
LM End	0.39	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_55718_50325.jpg



Flapgate and headwall off WS toe at berms edge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.39	Rating **	M	Issue No.	58 (cont)	
LM End	0.39	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.185174 °	39.185174 °	
				-122.911171 °	-122.911171 °	
DWR ID	21206					

Photo 3 of 3 : UCIP_SP_2020_55718_50324.jpg



Pipe and concrete headwall at LS toe.

LM Start	0.41	Rating **	M	Issue No.	40
LM End	0.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.184963 °	39.184963 °
				-122.911473 °	-122.911473 °
DWR ID	DWR_NA0009_02_s_2020_40				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.42	Rating **	M	Issue No.	23
LM End	0.57	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.184812 °	39.182825 °
				-122.911647 °	-122.912168 °
DWR ID	DWR_NA0009_02_f_2016_23				
Comment Code					
FE : Fence					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.44	Rating **	M	Issue No.	59	
LM End	0.44	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.184639 °	39.184639 °	
				-122.911827 °	-122.911827 °	
DWR ID	21207					
Comment Code						
Inspector Comment						
DS_ID:21207 FS_ID:55719 EP_NO: 7261 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 10/23/2019 Record has been updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. Unable to confirm line through levee. Need updated photos at this crossing. Permit records show pipe installed through levee was a galvanized pipe and not the plastic pipe the owner originally requested in application. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 1.5-inch galvanized iron irrigation pipe through the levee, 2.5 feet below the crown. (1.5-inch pipe authorized under Permit No. 7261, 1970 - George Goslowsky). FS Date: 10/23/2019 1:47:00 PM						

LM Start	0.44	Rating **	M	Issue No.	59 (cont)
LM End	0.44	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55719_50330.jpg



Well head visible at LS toe.

Photo 2 of 3 : UCIP_SP_2020_55719_50329.jpg



Well head visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.48	Rating **	M	Issue No.	60 (cont)
LM End	0.48	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.184126 °	39.184126 °	
			-122.912118 °	-122.912118 °	
DWR ID	21208				

Photo 2 of 3 : UCIP_SP_2020_55723_50388.jpg



Pipe and concrete headwall on LS toe.

LM Start	0.48	Rating **	M	Issue No.	60 (cont)
LM End	0.48	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55723_50387.jpg



Concrete headwall and flapgate visible on waterside berm

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.48	Rating **	M	Issue No.	61	
LM End	0.48	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.184080 °		39.184080 °
				-122.912130 °		-122.912130 °
DWR ID	24761					
Comment Code						
Inspector Comment						
DS_ID:24761 FS_ID:55720 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record remains Non-Urgent; no permit has been found authorizing encroachment. Need updated photos of levee crown and WS. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/14/2014 No Permit identified for crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1.5-inch high-density polyethylene irrigation pipe through the levee, 2.5 feet below the crown. Pipe visible on the waterside (WS) berm and slope. Pump house on the LS toe. FS Date: 10/23/2019 1:49:00 PM						

LM Start	0.48	Rating **	M	Issue No.	61 (cont)
LM End	0.48	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55720_51182.jpg



Pipe visible just downstream from stormdrain.

Photo 2 of 3 : UCIP_SP_2020_55720_51181.jpg



Pipe visible just downstream from stormdrain.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.50	Rating **	M	Issue No.	62	
LM End	0.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.183775 °	39.183775 °	
				-122.912187 °	-122.912187 °	
DWR ID	21249					
Comment Code						
Inspector Comment						
DS_ID:21249 FS_ID:55729 EP_NO: 8513 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record has been updated from No Action Needed to Non-Urgent; recommend auditing permit to find current owner and identify if encroachment is still in use. Encroachment appears to be abandoned. If crossing is no longer in use, the owner will need to coordinate with the CVFPB to properly remove or abandon per Title 23 requirements. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 0.75-inch steel electrical conduit through the levee, 2 feet below the levee. Steel cutoff wall around conduit at center of levee. Well with 8-inch casing on the waterside (WS) slope. (well located on the levee berm, water pipe, and electrical conduit authorized under Permit No. 8513, 1972 - James A. Fisher). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/23/2019 1:49:00 PM						

LM Start	0.50	Rating **	M	Issue No.	62 (cont)
LM End	0.50	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55729_50401.jpg



Electrical conduit visible at pump/wellhead on WS berm.

Photo 2 of 3 : UCIP_SP_2020_55729_82581.jpg



Overview of levee crown looking u/s towards pipe crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.50	Rating **	M	Issue No.	62 (cont)
LM End	0.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183775 °	39.183775 °
				-122.912187 °	-122.912187 °
DWR ID	21249				

Photo 3 of 3 : UCIP_SP_2020_55729_82582.jpg



WS view: well and other appurtenances located on the WS levee berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.50	Rating **	M	Issue No.	63
LM End	0.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.183775 °	39.183775 °
				-122.912187 °	-122.912187 °
DWR ID	21209				

Comment Code

Inspector Comment

DS_ID:21209
FS_ID:55728
EP_NO: 8513
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/23/2019 Record remains Non-Urgent; recommend auditing permit to find current owner and identify if encroachment is still in use. Encroachment appears to be abandoned. If crossing is no longer in use, the owner will need to coordinate with the CVFPB to properly remove or abandon per Title 23 requirements. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)09/06/2018 Pump no longer in operation. Downgraded from Urgent to Non-Urgent (D. Sanoski - DWR UCIP).11/30/2016 Pipe not in use per LMA representative, Scott Webb. DWR Fall inspection 2016 indicated depression along pipe alignment. According to LMA representative the new property owner is Tracy Joe Hill. Need to contact owner. New owner will need to coordinate with CVFPB regarding permit name change and to address depression noted in the 2016 DWR Fall Inspection . (O. Magana - DWR UCIP)01/14/2014 Appears pipe is leaking on WS toe of Levee at mud pit. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 1.25-inch steel groundwater pipe through the levee, 2 feet below the levee. Steel cutoff wall around pipe at center of levee. Well with 8-inch casing on waterside (WS) slope. (1.25-inch water pipe and 0.75-inch electrical conduit authorized under Permit No. 8513, 1974 - Fisher)
FS Date: 10/23/2019 1:07:00 PM

LM Start	0.50	Rating **	M	Issue No.	63 (cont)
LM End	0.50	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55728_50393.jpg



Pump and pipe visible at wooden box on WS berm.

Photo 2 of 3 : UCIP_SP_2020_55728_50392.jpg



Mudpit at WS berm where pipe may be leaking.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.50	Rating **	M	Issue No.	63 (cont)	
LM End	0.50	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.183775 °	39.183775 °	
				-122.912187 °	-122.912187 °	
DWR ID	21209					

Photo 3 of 3 : UCIP_SP_2020_55728_50391.jpg



Valves visible just off LS toe.

LM Start	0.52	Rating **	N	Issue No.	35
LM End	0.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.183577 °	39.183577 °
				-122.912188 °	-122.912188 °
DWR ID	DWR_NA0009_02_s_2020_35				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	0.52	Rating **	M	Issue No.	37
LM End	0.52	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.183447 °	39.183447 °
				-122.912157 °	-122.912157 °
DWR ID	DWR_NA0009_02_s_2019_37				
Comment Code					
DE : Debris					
Inspector Comment					
Remove debris that the landowner placed on the WS toe.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.55	Rating **	M	Issue No.	64	
LM End	0.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.183130 °		39.183130 °
				-122.912198 °		-122.912198 °
DWR ID	21210					
Comment Code						
Inspector Comment						
DS_ID:21210 FS_ID:55730 EP_NO: 11482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record remains Non-Urgent; need to audit record to confirm owner. Property owner will also need to address access issue due to fence installed on the LS slope. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/14/2014 Fence on LS slope creates access issue. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (36-inch pipe [HLM 0.54] retained under ABO No. 11482, 1975 - George R. and Gladys Schneider). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.54), Station M294+00, 36-inch pipe, dwg no. CC-4-4-29, Index Sheet 6: page 6, 40 of 64]. FS Date: 10/23/2019 1:50:00 PM						

LM Start	0.55	Rating **	M	Issue No.	64 (cont)
LM End	0.55	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55730_50411.jpg



Concrete headwall on LS toe.

Photo 2 of 3 : UCIP_SP_2020_55730_50410.jpg



Flapgate and concrete headwall on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.55	Rating **	M	Issue No.	64 (cont)
LM End	0.55	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.183130 °	39.183130 °	
			-122.912198 °	-122.912198 °	
DWR ID	21210				

Photo 3 of 3 : UCIP_SP_2020_55730_50409.jpg



Flapgate and concrete headwall on WS berm.

LM Start	0.56	Rating **	M	Issue No.	34
LM End	0.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.182983 °	39.182787 °
				-122.912192 °	-122.912162 °
DWR ID	DWR_NA0009_02_s_2020_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.95	Rating **	M	Issue No.	24
LM End	0.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.177451 °	39.176937 °
				-122.913802 °	-122.913576 °
DWR ID	DWR_NA0009_02_f_2016_24				
Comment Code					
FE : Fence					
Inspector Comment					
The barbed wire fence is located within 5' of the landside toe. The landowner added a corrugated metal sheet to the fence.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	0.96	Rating **	M	Issue No.	25
LM End	0.96	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.177249 °	39.177249 °
				-122.913619 °	-122.913619 °
DWR ID	DWR_NA0009_02_f_2016_25				
Comment Code					
BU : Building					
Inspector Comment					
Two 40' shipping containers in the floodway need to be removed.					

Photo 1 of 1 : SP_2020_NA0009_4_25_20200302_00006.jpg



View of the shipping container in the floodway. Fall 2016

LM Start	0.97	Rating **	M	Issue No.	7
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.177218 °	39.176992 °
				-122.913673 °	-122.913642 °
DWR ID	DWR_NA0009_02_s_2012_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_4_7_20200302_00003.jpg



View of the vegetation at the landside toe.

LM Start	0.99	Rating **	U	Issue No.	2
LM End	0.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.176815 °	39.176815 °
				-122.913540 °	-122.913540 °
DWR ID	DWR_NA0009_02_s_2012_2				
Comment Code					
FE : Fence					
Inspector Comment					
An unpermitted fence runs along the landside toe.					

Photo 1 of 1 : SP_2020_NA0009_4_2_20200302_00002.jpg



View of wooden and sheet metal fence along the levee toe. Fall 2019

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.02	Rating **	C	Issue No.	36
LM End	1.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.176427 °	39.176427 °
				-122.913505 °	-122.913505 °
DWR ID	DWR_NA0009_02_s_2019_36				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.03	Rating **	M	Issue No.	65	
LM End	1.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.176366 °	39.176366 °	
				-122.913509 °	-122.913509 °	
DWR ID	21211					
Comment Code						
Inspector Comment						
DS_ID:21211 FS_ID:55740 EP_NO: 11486 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record has been updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 7.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. Splash apron broken off on the WS end. (36-inch pipe [HLM 1.08] retained under Automatic Board Order (ABO) issued as Permit No. 11486, 1975 - Mary Truesdell). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.08), Station M269+00, 36-inch pipe, dwg no. CC-4-4-29, Index Sheet 5: page 5, 39 of 64]. FS Date: 10/23/2019 1:16:00 PM						

Photo 1 of 3 : UCIP_SP_2020_55740_51202.jpg



Pipe visible at concrete inlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.03	Rating **	M	Issue No.	65 (cont)
LM End	1.03	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.176366 °	39.176366 °	
			-122.913509 °	-122.913509 °	
DWR ID	21211				

Photo 2 of 3 : UCIP_SP_2020_55740_51201.jpg



Pipe as visible from LS toe.

LM Start	1.03	Rating **	M	Issue No.	65 (cont)
LM End	1.03	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55740_51200.jpg



Pipe visible on LS toe.

LM Start	1.04	Rating **	M	Issue No.	54
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176148 °	39.176148 °
				-122.913420 °	-122.913420 °
DWR ID	DWR_NA0009_02_s_2020_54				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.05	Rating **	M	Issue No.	31
LM End	1.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.176008 °	39.175810 °
				-122.913482 °	-122.913367 °
DWR ID	DWR_NA0009_02_f _ 2018_31				
Comment Code					
EQ : Equipment					
Inspector Comment					
Move equipment to at least 10' away from the levee toe.					

Photo 1 of 1 : SP_2020_NA0009_4_31_20200302_00011.jpg



View of equipment along the landside toe. Fall 2018

LM Start	1.09	Rating **	U	Issue No.	10
LM End	1.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.175460 °	39.175075 °
				-122.913400 °	-122.913392 °
DWR ID	DWR_NA0009_02_s_2013_10				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_4_10_20200302_00004.jpg



View of the unauthorized fence along the landside toe. Spring 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.16	Rating **	M	Issue No.	66	
LM End	1.16	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.174370 °	39.174370 °	
				-122.913543 °	-122.913543 °	
DWR ID	21212					
Comment Code						
Inspector Comment						
DS_ID:21212 FS_ID:55741 EP_NO: 11483 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record remains Non-Urgent, crossing appears abandoned; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/22/2014 Pipe appears abandoned and if so, should be done so properly. Debris blocking flap gate at outlet. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 30-inch corrugated metal drainage pipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch corrugated metal riser unit on the waterside (WS) slope. Flap gate on the WS end at concrete headwall. 6-foot by 8-foot concrete sump at the landside (LS) toe. (30-inch pipe [HLM 1.22] retained under Automatic Board Order (ABO) issued as Permit No. 11483, 1975 - Edward M. and Mildred E. Seely). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.22)]. FS Date: 10/23/2019 1:16:00 PM						

LM Start	1.16	Rating **	M	Issue No.	66 (cont)
LM End	1.16	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55741_51214.jpg



Slide gate in 44-inch CMP riser on WS shoulder.

Photo 2 of 3 : UCIP_SP_2020_55741_51213.jpg



6'X8' concrete sump filled in with soil, visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.16	Rating **	M	Issue No.	66 (cont)
LM End	1.16	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.174370 °	39.174370 °	
			-122.913543 °	-122.913543 °	
DWR ID	21212				

Photo 3 of 3 : UCIP_SP_2020_55741_51215.jpg



Flapgate and concrete headwall visible off WS berm.

LM Start	1.43	Rating **	M	Issue No.	67
LM End	1.43	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.170958 °	39.170958 °	
			-122.915854 °	-122.915854 °	
DWR ID	21213				

Comment Code

Inspector Comment

DS_ID:21213
 FS_ID:55742
 EP_NO: 16177
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 10/23/2019 Record has been updated from No Action Needed to Non-Urgent, pipe appears to be abandoned; need to audit record to confirm owner. Pipe owner has removed pump and pipe section from the WS. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 10-inch coated steel irrigation pipe through the levee, 2 feet below the crown. Siphon breaker on apex of pipe at the landside (LS) shoulder. Exposed filter on LS slope. Seasonal pump on the waterside (WS) slope. (12-inch pipe authorized under Permit No. 16177, 1994 - Edward Seely). [Additional Reference(s): DWR Levee Log, 2005].
 FS Date: 10/23/2019 1:17:00 PM

Photo 1 of 3 : UCIP_SP_2020_55742_51242.jpg



Pump and pipe visible on WS toe.

*** Location**

LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.43	Rating **	M	Issue No.	67 (cont)
LM End	1.43	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.170958 °	39.170958 °	
			-122.915854 °	-122.915854 °	
DWR ID	21213				

Photo 2 of 3 : UCIP_SP_2020_55742_51241.jpg



Vent on LS shoulder with filter plant visible at LS toe in background.

LM Start	1.43	Rating **	M	Issue No.	67 (cont)
LM End	1.43	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_55742_51240.jpg



Gate valve visible at portable pump on WS toe.

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.70	Rating **	M	Issue No.	68	
LM End	1.70	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.167156 °	39.167156 °	
				-122.916610 °	-122.916610 °	
DWR ID	21214					
Comment Code						
Inspector Comment						
DS_ID:21214 FS_ID:55865 EP_NO: 15825 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record remains Non-Urgent, pipe appears to be abandoned; need to audit record to confirm owner. Pipe owner has sealed WS pipe. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/22/2014 Pipe with closure device not visible on WS toe. Clear soil from pipe and cover for better verification of closure. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 2 feet below the crown. Siphon breaker on apex of pipe at the landside (LS) shoulder. Exposed filter on LS slope. Seasonal pump on the waterside (WS) slope. (10-inch pipe authorized under Permit No. 15825, 1992 - Edward Seely, 8-inch pipe installed instead of 10-inch pipe per inspector's notes dated 9-25-92). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/23/2019 1:18:00 PM						

LM Start	1.70	Rating **	M	Issue No.	68 (cont)
LM End	1.70	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55865_51250.jpg



Vent on LS shoulder with filter visible on LS toe.

Photo 2 of 3 : UCIP_SP_2020_55865_51249.jpg



T-post at WS toe may indicate location of pipe end. Covered with soil.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.70	Rating **	M	Issue No.	68 (cont)	
LM End	1.70	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.167156 °	39.167156 °	
				-122.916610 °	-122.916610 °	
DWR ID	21214					

Photo 3 of 3 : UCIP_SP_2020_55865_82644.jpg



LS view: overview of LS.

LM Start	1.74	Rating **	M	Issue No.	53
LM End	1.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.166517 °	39.166517 °
				-122.916657 °	-122.916657 °
DWR ID	DWR_NA0009_02_s_2020_53				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal holes with recent activity.					

No Photos

LM Start	1.80	Rating **	M	Issue No.	52
LM End	1.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.165677 °	39.165677 °
				-122.916648 °	-122.916648 °
DWR ID	DWR_NA0009_02_s_2020_52				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.88	Rating **	M	Issue No.	51
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.164605 °	39.164605 °
				-122.916653 °	-122.916653 °
DWR ID	DWR_NA0009_02_s_2020_51				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	1.95	Rating **	M	Issue No.	28
LM End	1.95	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.163548 °	39.163548 °
				-122.916730 °	-122.916730 °
DWR ID	DWR_NA0009_02_f_2019_28				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_4_28_20200302_00008.jpg



View of prunings on the waterside berm. Fall 2019

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.96	Rating **	M	Issue No.	69	
LM End	1.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.163414 °	39.163414 °	
				-122.916741 °	-122.916741 °	
DWR ID	21243					
Comment Code						
Inspector Comment						
DS_ID:21243 FS_ID:55752 EP_NO: 15865 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record remains Non-Urgent, unable to confirm alignment; permit recordation notes pipe was never installed from 1983 to 1999 due to property litigation. 03-10-1999 permit owner requested permit stay active. Recommend auditing permit to confirm if pipe was ever installed. (O. Magana - DWR UCIP)01/22/2014 Permit number likely revised from 15865. Verify with inspector and modify entry as required. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 6-inch polyvinyl chloride pressurized sewer line through the levee, 3 feet below the crown. Cutoff wall around pipe at center of levee. Sanitary Sewer manhole on the waterside (WS) shoulder. (6-inch pipe authorized under Permit No. 15865, 1992 - Zachary Calhoun). FS Date: 10/23/2019 1:19:00 PM						

LM Start	1.96	Rating **	M	Issue No.	69 (cont)
LM End	1.96	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55752_51263.jpg



Pipe visible under bridge.

Photo 2 of 3 : UCIP_SP_2020_55752_51262.jpg



Manhole and vent lids visible on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	1.96	Rating **	M	Issue No.	69 (cont)	
LM End	1.96	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.163414 °	39.163414 °	
				-122.916741 °	-122.916741 °	
DWR ID	21243					

Photo 3 of 3 : UCIP_SP_2020_55752_82685.jpg



WS view: bridge where pipe is suspended from.

LM Start	1.97	Rating **	M	Issue No.	49
LM End	1.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.163263 °	39.163263 °
				-122.916800 °	-122.916800 °
DWR ID	DWR_NA0009_02_s_2020_49				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	2.00	Rating **	M	Issue No.	70	
LM End	2.00	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.162753 °	39.162753 °	
				-122.916811 °	-122.916811 °	
DWR ID	21245					
Comment Code						
Inspector Comment						
DS_ID:21245 FS_ID:55753 EP_NO: 17191 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record has been updated from No Action Needed to Non-Urgent, pipe appears to be abandoned; need to audit record to confirm owner. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 8-inch coated steel irrigation pipe through the levee, 2 feet below the crown. Well and electric pump at the waterside (WS) toe with butterfly valve. (8-inch pipe and conduit authorized under Permit No. 17191, 2000 - Lake County Land and Cattle, LLC). FS Date: 10/23/2019 1:20:00 PM						

LM Start	2.00	Rating **	M	Issue No.	70 (cont)
LM End	2.00	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55753_51274.jpg



Pump and pipe on WS berm.

Photo 2 of 3 : UCIP_SP_2020_55753_51273.jpg



Pump and pipe on WS berm with butterfly valve.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	2.00	Rating **	M	Issue No.	71 (cont)
LM End	2.00	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.162753 °	39.162753 °	
			-122.916811 °	-122.916811 °	
DWR ID	21250				

Photo 2 of 3 : UCIP_SP_2020_55755_51279.jpg



Meter and control on LS slope next to pole.

LM Start	2.00	Rating **	M	Issue No.	71 (cont)
LM End	2.00	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_55755_82708.jpg



Overview of levee crown looking u/s towards pipe crossing.

LM Start	2.01	Rating **	M	Issue No.	30
LM End	2.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.162658 °	39.162658 °
				-122.916875 °	-122.916875 °
DWR ID	DWR_NA0009_02_f_2019_30				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill the rodent holes.					

Photo 1 of 2 : SP_2020_NA0009_4_30_20200302_00009.jpg



View looking upstream at animal holes on the landside slope. Fall 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	2.01	Rating **	M	Issue No.	30 (cont)
LM End	2.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.162658 °	39.162658 °
				-122.916875 °	-122.916875 °
DWR ID	DWR_NA0009_02_f_2019_30				

Photo 2 of 2 : SP_2020_NA0009_4_30_20200302_00010.jpg



View looking downstream at animal holes on the landside slope with recent activity. Fall 2019

LM Start	2.05	Rating **	M	Issue No.	48
LM End	2.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.162025 °	39.162025 °
				-122.916655 °	-122.916655 °
DWR ID	DWR_NA0009_02_s_2020_48				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	2.43	Rating **	M	Issue No.	47
LM End	2.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.157122 °	39.157122 °
				-122.915138 °	-122.915138 °
DWR ID	DWR_NA0009_02_s_2020_47				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal holes on the landside shoulder.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	2.51	Rating **	M	Issue No.	46
LM End	2.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.155967 °	39.155967 °
				-122.915510 °	-122.915510 °
DWR ID	DWR_NA0009_02_s_2020_46				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill a large hole on the landside shoulder.					

No Photos

LM Start	2.68	Rating **	M	Issue No.	44
LM End	2.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.153557 °	39.153193 °
				-122.915788 °	-122.915703 °
DWR ID	DWR_NA0009_02_s_2020_44				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.76	Rating **	M	Issue No.	32
LM End	2.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.152425 °	39.152425 °
				-122.915373 °	-122.915373 °
DWR ID	DWR_NA0009_02_f_2019_32				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Instruct landowner to remove tree logs from the levee toe.					

Photo 1 of 1 : SP_2020_NA0009_4_32_20200302_00012.jpg



View of tree logs at the levee toe. Fall 2019

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	2.84	Rating **	M	Issue No.	72
LM End	2.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.151257 °	39.151257 °
				-122.914908 °	-122.914908 °
DWR ID	21215				
Comment Code					
Inspector Comment					
DS_ID:21215 FS_ID:55756 EP_NO: 11481 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/23/2019 Record remains Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/22/2014 Soil partially blocking inlet and outlet. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 2.93] retained under Automatic Board Order (ABO) issued as Permit No. 11481, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.93), Station M173+00, 24-inch pipe, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64]. FS Date: 10/23/2019 1:22:00 PM					

LM Start	2.84	Rating **	M	Issue No.	72 (cont)
LM End	2.84	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55756_51283.jpg



Concrete headwall and pipe visible at LS toe.

Photo 2 of 3 : UCIP_SP_2020_55756_51282.jpg



Concrete headwall and flapgate visible at WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	04/02/2020 04/02/2020	Luz Dial

LM Start	2.84	Rating **	M	Issue No.	72 (cont)
LM End	2.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.151257 °	39.151257 °
				-122.914908 °	-122.914908 °
DWR ID	21215				

Photo 3 of 3 : UCIP_SP_2020_55756_51281.jpg



Concrete headwall and pipe visible at LS toe.

LM Start	2.95	Rating **	M	Issue No.	43
LM End	2.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.149765 °	39.149765 °
				-122.914087 °	-122.914087 °
DWR ID	DWR_NA0009_02_s_2020_43				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 03 Scotts Creek			Left	1.36
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/2/2020 - 4/2/2020			
DWR Inspector	Luz Dial			
Accompanied By	Yuliya Osetrova Lake County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.40	Rating **	M	Issue No.	31
LM End	0.40	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.152983 °	39.152983 °
				-122.917507 °	-122.917507 °
DWR ID	21216				

Comment Code

Inspector Comment

DS_ID:21216
 FS_ID:55768
 EP_NO: 11492
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 10/24/2019 Record has been updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2 feet below the crown. Siphon breaker in 24-inch corrugated metal riser unit on the landside (LS) slope. Steel cap on the waterside (WS) berm. 1.5-inch polyvinyl chloride electrical conduit at same location with electrical panel on the LS toe just off to the north. (Pipe retained under Automatic Board Order (ABO) issued as Permit No. 11492, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.41), Station S26+50, 6-inch pipe, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64].
 FS Date: 10/24/2019 12:25:00 PM

LM Start	0.40	Rating **	M	Issue No.	31 (cont)
LM End	0.40	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55768_51522.jpg



Siphon breaker in 24-inch CMP riser on SL slope.

Photo 2 of 3 : UCIP_SP_2020_55768_51521.jpg



Filter, pipe, and valve visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.40	Rating **	M	Issue No.	31 (cont)
LM End	0.40	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.152983 °	39.152983 °
				-122.917507 °	-122.917507 °
DWR ID	21216				

Photo 3 of 3 : UCIP_SP_2020_55768_51520.jpg



Pump mount, pipe, and electrical conduit visible on WS berm.

LM Start	0.42	Rating **	M	Issue No.	30
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.153270 °	39.153683 °
				-122.917583 °	-122.917683 °
DWR ID	DWR_NA0009_03_s_2020_30				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.48	Rating **	M	Issue No.	29
LM End	0.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.154023 °	39.154023 °
				-122.918052 °	-122.918052 °
DWR ID	DWR_NA0009_03_s_2020_29				
Comment Code					
PR : Prunings					
Inspector Comment					
Landowner needs to remove prunings from the levee toe easement.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.49	Rating **	C	Issue No.	8
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.154197 °	39.154197 °
				-122.918163 °	-122.918163 °
DWR ID	DWR_NA0009_03_f _ 2016_8				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.54	Rating **	M	Issue No.	32	
LM End	0.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.154786 °	39.154786 °	
				-122.918703 °	-122.918703 °	
DWR ID	21217					
Comment Code						
Inspector Comment						
DS_ID:21217 FS_ID:55769 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/24/2019 Record remains Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. (O. Magana - DWR UCIP)01/22/2014 Vegetation at inlet and wooden box failing at LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends with a wooden retaining wall drop inlet at the landside (LS) toe. (42-inch pipe [HLM 0.55] retained under Automatic Board Order (ABO) issued as Permit No. 11492, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.55), Station S32+50, 42-inch pipe, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64]. FS Date: 10/24/2019 12:25:00 PM						

Photo 1 of 3 : UCIP_SP_2020_55769_51542.jpg



Pipe visible at LS toe covered with vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.54	Rating **	M	Issue No.	32 (cont)	
LM End	0.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.154786 °	39.154786 °	
				-122.918703 °	-122.918703 °	
DWR ID	21217					

Photo 2 of 3 : UCIP_SP_2020_55769_51541.jpg



Concrete headwall and flapgate visible at WS berm.

LM Start	0.54	Rating **	M	Issue No.	32 (cont)
LM End	0.54	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55769_51540.jpg



Concrete headwall and flapgate visible at WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.61	Rating **	M	Issue No.	33	
LM End	0.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.155554 °	39.155554 °	
				-122.919528 °	-122.919528 °	
DWR ID	21246					
Comment Code						
Inspector Comment						
DS_ID:21246 FS_ID:55762 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 10/24/2019 Record has been updated from No Action Needed to Non-Urgent, no records were made available to determine the status of this crossing. No signs of crossing were found during inspection. Recommend geophysical investigation be performed to determine if pipe is still present through the levee. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 1.5-inch steel water pipe through the levee, 1.5 feet below the crown. (Pipe retained under Automatic Board Order (ABO) issued as Permit No. 11492, 1975 - Dennis P. McCarthy). [Additional Reference(s): USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.60), Station S34+84, 1.5-inch pipe, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64]. FS Date: 10/24/2019 12:26:00 PM						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.64	Rating **	M	Issue No.	34
LM End	0.64	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.155931 °	39.155931 °
				-122.919673 °	-122.919673 °
DWR ID	21244				
Comment Code					
Inspector Comment					
DS_ID:21244 FS_ID:55770 EP_NO: 17190 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/24/2019 Record has been updated from No Action Needed to Non-Urgent, pipe has been abandoned; need to audit record to confirm owner. Pipe owner has sealed WS pipe. (O. Magana - DWR UCIP)01/22/2014 Appears abandoned and if so should be done so properly. Steel blankoff plate installed on WS berm. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 2.7 feet below the crown. Siphon breaker on apex of pipe at the landside (LS) shoulder. Exposed filter off LS toe with vent and shutoff valve. Seasonal pump on the waterside (WS) slope. (8-inch pipe authorized under Permit No. 17190, 2000 - Lake County Land and Cattle, LLC). FS Date: 10/24/2019 12:26:00 PM					

LM Start	0.64	Rating **	M	Issue No.	34 (cont)
LM End	0.64	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55770_51562.jpg



Vent on LS shoulder with filter visible off LS toe.

Photo 2 of 3 : UCIP_SP_2020_55770_51561.jpg



Pipe and concrete pad visible off WS toe on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.64	Rating **	M	Issue No.	34 (cont)
LM End	0.64	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.155931 °	39.155931 °	
			-122.919673 °	-122.919673 °	
DWR ID	21244				

Photo 3 of 3 : UCIP_SP_2020_55770_51560.jpg



Filter, shutoff valve, and vent visible off LS toe.

LM Start	0.70	Rating **	U	Issue No.	35
LM End	0.70	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.156726 °	39.156726 °	
			-122.919704 °	-122.919704 °	
DWR ID	21218				

Comment Code

Inspector Comment

DS_ID:21218
 FS_ID:55767
 EP_NO: 9797
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: 10/24/2019 Record has been updated from No Action Needed to Urgent, siphon breaker is leaking and causing erosion to the LS slope. Need to contact owner to address leaky siphon breaker. Modifications have been made to the WS pipe section and appurtenances. LMA representative, S. Webb, was notified of leaky siphon breaker. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 2.7 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on apex of pipe at the landside (LS) shoulder. Exposed filter on LS slope. Portable pump on the waterside (WS) slope. Electrical panel next to filter at the LS toe. (8-inch pipe authorized under Permit No. 9797, 1974 - Dennis P. McCarthy).
 [Additional Reference(s): DWR Levee Log, 2005].
 FS Date: 10/24/2019 12:26:00 PM

Photo 1 of 3 : UCIP_SP_2020_55767_51582.jpg



Pipe and pump pad visible off WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.70	Rating **	U	Issue No.	35 (cont)
LM End	0.70	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.156726 °	39.156726 °	
			-122.919704 °	-122.919704 °	
DWR ID	21218				

Photo 2 of 3 : UCIP_SP_2020_55767_51581.jpg



Siphon Breaker on LS shoulder with filter and electrical panel visible at LS toe.

LM Start	0.70	Rating **	U	Issue No.	35 (cont)
LM End	0.70	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_55767_51580.jpg



Electrical conduit visible on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.75	Rating **	M	Issue No.	36
LM End	0.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.157443 °	39.157443 °
				-122.920110 °	-122.920110 °
DWR ID	21219				

Comment Code

Inspector Comment

DS_ID:21219
FS_ID:55775
EP_NO: 11492
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: 10/24/2019 Record remains Non-Urgent, pipe appears to be abandoned; need to audit record to confirm owner. Owner will need to coordinate with the CVFPB to remove or abandon crossing according to Title 23 requirements. (O. Magana - DWR UCIP)01/22/2014 Appears abandoned and if so should be done so properly. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Siphon breaker in 24-inch corrugated metal riser unit on the landside (LS) shoulder. Pump on concrete platform on the waterside (WS). Hose chute and concrete stairway on the WS slope. (Pipe retained under Automatic Board Order (ABO) issued as Permit No. 11492, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 10/24/2019 12:27:00 PM

LM Start	0.75	Rating **	M	Issue No.	36 (cont)
LM End	0.75	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55775_51587.jpg



Valve visible at bottom of CMP riser on LS shoulder.

Photo 2 of 3 : UCIP_SP_2020_55775_51586.jpg



Siphon at LS shoulder inside 24-inch CMP riser.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.75	Rating **	M	Issue No.	36 (cont)
LM End	0.75	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.157443 °	39.157443 °	
			-122.920110 °	-122.920110 °	
DWR ID	21219				

Photo 3 of 3 : UCIP_SP_2020_55775_51585.jpg



Concrete pump pad and electrical works visible on WS berm.

LM Start	0.77	Rating **	M	Issue No.	37
LM End	0.77	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.157759 °	39.157759 °	
			-122.920301 °	-122.920301 °	
DWR ID	21220				

Comment Code

Inspector Comment

DS_ID:21220
FS_ID:55778
EP_NO: 11492
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/24/2019 Record remains Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. Also need to determine the purpose of concrete riser located on the LS toe just d/s of the 24-inch pipe. Unable to determine purpose for deep riser located on the LS toe or if it crosses levee. Recommend further exploration of this riser and determine who owns it. (O. Magana - DWR UCIP)01/22/2014 Some sediment buildup at inlet. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. Concrete spillway on the WS slope to bottom of channel. (24-inch pipe [HLM 0.79] retained under Automatic Board Order (ABO) issued as Permit No. 11492, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.79), Station S46+40.56, 24-inch pipe, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64].
FS Date: 10/24/2019 12:27:00 PM

Photo 1 of 3 : UCIP_SP_2020_55778_51591.jpg



Concrete headwall visible next to concrete standpipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.77	Rating **	M	Issue No.	37 (cont)
LM End	0.77	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.157759 °	39.157759 °	
			-122.920301 °	-122.920301 °	
DWR ID	21220				

Photo 2 of 3 : UCIP_SP_2020_55778_51590.jpg



Concrete outfall visible off WS berm.

LM Start	0.77	Rating **	M	Issue No.	37 (cont)
LM End	0.77	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55778_51589.jpg



Concrete headwall visible at LS toe.

LM Start	0.84	Rating **	M	Issue No.	14
LM End	0.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.158556 °	39.159304 °
				-122.920674 °	-122.920784 °
DWR ID	DWR_NA0009_03_f _ 2016_14				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_5_14_20200302_00005.jpg



View of the waterside vegetation looking upstream. Fall 2016

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.90	Rating **	M	Issue No.	38
LM End	0.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.159278 °	39.159278 °
				-122.920783 °	-122.920783 °
DWR ID	21247				

Comment Code

Inspector Comment

DS_ID:21247
FS_ID:55781
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/24/2019 Record has been updated from No Action Needed to Non-Urgent, need to audit record to determine current owner. No other issues were recorded at this location. Pipe crossing appears to have been abandoned back in 1961. USACE O&M manual and drawings indicate pipe has been plugged with concrete. Coordinates has been updated from 39.159628, 122.920853 to 39.159278, -122.920783 to reflect actual location of pipe crossing. Pipe crosses State Route 29. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Plugged with concrete. [Additional Reference(s): USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.90), Station S50+85, 36-inch pipe plugged with concrete, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64].
FS Date: 10/24/2019 12:28:00 PM

LM Start	0.90	Rating **	M	Issue No.	38 (cont)
LM End	0.90	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55781_82827.jpg



LS view: limited access to LS due to steep LS slope.

Photo 2 of 3 : UCIP_SP_2020_55781_82826.jpg



LS view: overview of LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.90	Rating **	M	Issue No.	38 (cont)
LM End	0.90	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.159278 °	39.159278 °	
			-122.920783 °	-122.920783 °	
DWR ID	21247				

Photo 3 of 3 : UCIP_SP_2020_55781_82825.jpg



Overview of levee/State Route 29 looking u/s towards pipe crossing.

LM Start	0.93	Rating **	M	Issue No.	39
LM End	0.93	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.159736 °	39.159736 °	
			-122.921042 °	-122.921042 °	
DWR ID	21221				

Comment Code

Inspector Comment

DS_ID:21221
 FS_ID:55782
 EP_NO: 11488
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 10/24/2019 Record remains Non-Urgent due to 2-foot scour under headwall noted in 2014; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. (O. Magana - DWR UCIP)01/22/2014 Concrete headwall on WS berm is being undermined. 2-foot of scour under headwall. (W. Wylie - DWR UCIP)
 FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (42-inch pipe [HLM 0.94] retained under Automatic Board Order (ABO) issued as Permit No. 11488, 1975 - Robert F. and Mary E. Wheeler). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.94), Station S53+84, 42-inch pipe, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64].
 FS Date: 10/24/2019 12:28:00 PM

Photo 1 of 3 : UCIP_SP_2020_55782_51599.jpg



Flapgate and headwall off WS toe.

*** Location**

LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.93	Rating **	M	Issue No.	39 (cont)	
LM End	0.93	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.159736 °	39.159736 °	
				-122.921042 °	-122.921042 °	
DWR ID	21221					

Photo 2 of 3 : UCIP_SP_2020_55782_51598.jpg



Concrete headwall on LS toe.

LM Start	0.93	Rating **	M	Issue No.	39 (cont)
LM End	0.93	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55782_51597.jpg



Concrete headwall on LS toe.

LM Start	0.94	Rating **	M	Issue No.	27
LM End	0.94	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.159823 °	39.159823 °
				-122.921223 °	-122.921223 °
DWR ID	DWR_NA0009_03_s_2020_27				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.97	Rating **	M	Issue No.	24
LM End	1.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.160042 °	39.160302 °
				-122.921800 °	-122.926133 °
DWR ID	DWR_NA0009_03_s_2019_24				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.99	Rating **	M	Issue No.	40	
LM End	0.99	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.160129 °	39.160129 °	
				-122.922117 °	-122.922117 °	
DWR ID	21248					
Comment Code						
Inspector Comment						
DS_ID:21248 FS_ID:55783 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 10/24/2019 Record remains Non-Urgent; need to audit record to confirm owner. Pipe and appurtenances appear to have been modified. Need to contact owner to obtain permit authorizing modifications to crossing. (O. Magana - DWR UCIP)01/22/2014 Siphon breaker standpipe knocked over and covered with dirt. Pipe and appurtenances appear to be in disrepair. Gate valves next to tank broken. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2.5 feet below the crown. Siphon breaker in 24-inch corrugated metal riser unit on the landside (LS) shoulder. Screw gate on the waterside (WS) slope next to pump and 300-gallon tank. (Pipe retained under Automatic Board Order (ABO) issued as Permit No. 11488, 1975 - Robert F. and Mary E. Wheeler). [Additional Reference(s): USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.02)]. FS Date: 10/24/2019 12:28:00 PM						

Photo 1 of 3 : UCIP_SP_2020_55783_51622.jpg



Pump at concrete pad on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.99	Rating **	M	Issue No.	40 (cont)
LM End	0.99	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.160129 °	39.160129 °	
			-122.922117 °	-122.922117 °	
DWR ID	21248				

Photo 2 of 3 : UCIP_SP_2020_55783_51621.jpg



Gate valves at tank appear to be in disrepair.

LM Start	0.99	Rating **	M	Issue No.	40 (cont)
LM End	0.99	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_55783_51620.jpg



filler valves on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.99	Rating **	M	Issue No.	41
LM End	0.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160117 °	39.160117 °
				-122.922144 °	-122.922144 °
DWR ID	21222				

Comment Code

Inspector Comment

DS_ID:21222
FS_ID:55784
EP_NO: 11488
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/24/2019 Record remains Non-Urgent due to scour developing behind d/s wingwall; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. (O. Magana - DWR UCIP)01/22/2014 Some vegetation buildup at inlet and outlet. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 1.01] retained under Automatic Board Order (ABO) issued as Permit No. 11488, 1975 - Robert F. and Mary E. Wheeler). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.01), Station S57+06, 24-inch pipe, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64].
FS Date: 10/24/2019 12:29:00 PM

LM Start	0.99	Rating **	M	Issue No.	41 (cont)
LM End	0.99	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55784_51642.jpg



Concrete Headwall on WS berm.

Photo 2 of 3 : UCIP_SP_2020_55784_51641.jpg



Headwall and flapgate on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	0.99	Rating **	M	Issue No.	41 (cont)
LM End	0.99	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.160117 °	39.160117 °	
			-122.922144 °	-122.922144 °	
DWR ID	21222				

Photo 3 of 3 : UCIP_SP_2020_55784_51640.jpg



Pipe location marked on crown by flasher.

LM Start	1.01	Rating **	M	Issue No.	12
LM End	1.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.160110 °	39.159707 °
				-122.922458 °	-122.923673 °
DWR ID	DWR_NA0009_03_s_2016_12				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
The LMA removed most of the growth except for the remainder on the fence.					

Photo 1 of 2 : SP_2020_NA0009_5_12_20200302_00002.jpg



View of vines covering the fence along the landside toe. Fall 2019

LM Start	1.01	Rating **	M	Issue No.	12 (cont)
LM End	1.08	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2020_NA0009_5_12_20200302_00003.jpg



5/2/2016: Dense bushes and vines covering fence along vehicle junk yard.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	1.06	Rating **	M	Issue No.	22
LM End	1.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.159875 °	39.159875 °
				-122.923255 °	-122.923255 °
DWR ID	DWR_NA0009_03_s_2020_22				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.07	Rating **	M	Issue No.	42	
LM End	1.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.159803 °	39.159803 °	
				-122.923501 °	-122.923501 °	
DWR ID	21223					
Comment Code						
Inspector Comment						
DS_ID:21223 FS_ID:55785 EP_NO: 11489 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/24/2019 Record remains Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. (O. Magana - DWR UCIP)01/22/2014 Some sedimentation buildup at inlet and through pipe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 1.09] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.09), Station S60+40, 24-inch pipe, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64]. FS Date: 10/24/2019 12:29:00 PM						

Photo 1 of 3 : UCIP_SP_2020_55785_51646.jpg



Flasher on crown marks pipe location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	1.07	Rating **	M	Issue No.	42 (cont)
LM End	1.07	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.159803 °	39.159803 °	
			-122.923501 °	-122.923501 °	
DWR ID	21223				

Photo 2 of 3 : UCIP_SP_2020_55785_51645.jpg



Flapgate and headwall visible on WS toe.

LM Start	1.07	Rating **	M	Issue No.	42 (cont)
LM End	1.07	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55785_51644.jpg



Concrete headwall on LS toe.

LM Start	1.07	Rating **	U	Issue No.	13
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.159789 °	39.159613 °
				-122.923515 °	-122.924643 °
DWR ID	DWR_NA0009_03_s_2016_13				
Comment Code					
AV : Abandoned vehicles					
Inspector Comment					
A junk yard full of abandoned vehicles, where some are stacked at the levee toe, obstructs visibility and access to the levee toe.					

Photo 1 of 1 : SP_2020_NA0009_5_13_20200302_00004.jpg



5/2/2016: Vehicle junk yard behind fence covered in dense growth of bushes and vines.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	1.07	Rating **	U	Issue No.	11
LM End	1.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.159783 °	39.159615 °
				-122.923517 °	-122.924645 °
DWR ID	DWR_NA0009_03_s_2016_11				
Comment Code					
FE : Fence					
Inspector Comment					
The fence with dense vegetation is located at the levee toe.					

Photo 1 of 1 : SP_2020_NA0009_5_11_20200302_00001.jpg



5/2/2016: Fence along vehicle junk yard is covered in dense growth of bushes and vines.

LM Start	1.20	Rating **	M	Issue No.	25
LM End	1.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.160100 °	39.160100 °
				-122.925760 °	-122.925760 °
DWR ID	DWR_NA0009_03_s_2020_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Lake County Watershed Protection District

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	1.23	Rating **	M	Issue No.	43 (cont)
LM End	1.23	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.160359 °	39.160359 °	
			-122.926188 °	-122.926188 °	
DWR ID	21224				

Photo 3 of 3 : UCIP_SP_2020_55786_51660.jpg



Flapgate on headwall at WS toe.

LM Start	1.23	Rating **	M	Issue No.	44
LM End	1.23	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.160369 °	39.160369 °	
			-122.926208 °	-122.926208 °	
DWR ID	21237				

Comment Code

Inspector Comment

DS_ID:21237
 FS_ID:55787
 EP_NO: 11489
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: 10/24/2019 Record has been updated from No Action needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. (O. Magana - DWR UCIP)
 FIELD_STRUCT_DESC: 2 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25), Station SA10+00, four 36-inch pipes, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64 and Sheet 35.1 page 64 of 64].
 FS Date: 10/24/2019 12:30:00 PM

Photo 1 of 3 : UCIP_SP_2020_55787_51665.jpg



Pipe and headdwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	1.23	Rating **	M	Issue No.	44 (cont)
LM End	1.23	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.160369 °	39.160369 °	
			-122.926208 °	-122.926208 °	
DWR ID	21237				

Photo 2 of 3 : UCIP_SP_2020_55787_51664.jpg



Pipe from LS toe.

LM Start	1.23	Rating **	M	Issue No.	44 (cont)
LM End	1.23	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55787_51663.jpg



Flapgate and headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	1.24	Rating **	M	Issue No.	45 (cont)
LM End	1.24	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.160377 °	39.160377 °	
			-122.926223 °	-122.926223 °	
DWR ID	21238				

Photo 3 of 3 : UCIP_SP_2020_55788_51666.jpg



Flapgate on headwall at WS toe.

LM Start	1.24	Rating **	M	Issue No.	46
LM End	1.24	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.160386 °	39.160386 °	
			-122.926239 °	-122.926239 °	
DWR ID	21239				

Comment Code

Inspector Comment

DS_ID:21239
FS_ID:55789
EP_NO: 11489
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/24/2019 Record has been updated from No Action needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available.(O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 4 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25), Station SA10+00, four 36-inch pipes, dwg no. CC-4-4-29, Index Sheet 4: page 4, 38 of 64 and Sheet 35.1 page 64 of 64].
FS Date: 10/24/2019 12:30:00 PM

Photo 1 of 3 : UCIP_SP_2020_55789_51671.jpg



Pipe and concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	1.24	Rating **	M	Issue No.	46 (cont)
LM End	1.24	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.160386 °	39.160386 °	
			-122.926239 °	-122.926239 °	
DWR ID	21239				

Photo 2 of 3 : UCIP_SP_2020_55789_51670.jpg



Pipe from LS toe.

LM Start	1.24	Rating **	M	Issue No.	46 (cont)
LM End	1.24	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55789_51669.jpg



Flapgate on concrete headwall on WS toe.

LM Start	1.25	Rating **	M	Issue No.	26
LM End	1.34	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.160532 °	39.161265 °
				-122.926523 °	-122.927877 °
DWR ID	DWR_NA0009_03_s_2019_26				
Comment Code					
FE : Fence					
Inspector Comment					
The barbed wire fence along the waterside toe does not appear to be permitted.					

Photo 1 of 1 : SP_2020_NA0009_5_26_20200302_00006.jpg



View looking downstream at wire fence along the levee toe. Spring 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/02/2020 04/02/2020	Luz Dial

LM Start	1.34	Rating **	M	Issue No.	23
LM End	1.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.161288 °	39.161288 °
				-122.927870 °	-122.927870 °
DWR ID	DWR_NA0009_03_s_2020_23				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_5_23_20200403_00052.jpg



View of prunings on the landside slope. Spring 2020

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 04 Page, Alley and Clover Creek Diversion			Right	1.49
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/1/2020 - 4/2/2020			
DWR Inspector	Luz Dial			
Accompanied By	Yuliya Osetrova Lake County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	0.10	Rating **	M	Issue No.	16
LM End	0.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176415 °	39.176417 °
				-122.910752 °	-122.909327 °
DWR ID	DWR_NA0009_04_s_2020_16				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.14	Rating **	M	Issue No.	27
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176422 °	39.176422 °
				-122.909978 °	-122.909978 °
DWR ID	21236				
Comment Code					
Inspector Comment					
DS_ID:21236 FS_ID:55812 EP_NO: 11499 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/16/2019 Record was updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 42-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (two 42-inch pipes [HLM 0.14] retained under Automatic Board Order (ABO) issued as Permit No. 11499, 1975 - Howard D. and Eunice A. Norton). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.14), Station DR8+60, two 42-inch pipes, dwg no. CC-4-4-29, Index Sheet 5: page 5, 39 of 64]. FS Date: 10/16/2019 4:01:00 PM					

Photo 1 of 3 : UCIP_SP_2020_55812_49793.jpg



Concrete headwall visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	27 (cont)
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.176422 °	39.176422 °	
			-122.909978 °	-122.909978 °	
DWR ID	21236				

Photo 2 of 3 : UCIP_SP_2020_55812_49792.jpg



Concrete headwall visible on LS toe.

LM Start	0.14	Rating **	M	Issue No.	27 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55812_49791.jpg



Concrete headwall visible on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	28
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176419 °	39.176419 °
				-122.909954 °	-122.909954 °
DWR ID	21225				

Comment Code

Inspector Comment

DS_ID:21225
FS_ID:55813
EP_NO: 11499
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/16/2019 Record was updated from No Action Needed to Non-Urgent; need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 2 of 2: 42-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (two 42-inch pipes [HLM 0.14] retained under Automatic Board Order (ABO) issued as Permit No. 11499, 1975 - Howard D. and Eunice A. Norton). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.14), Station DR8+60, two 42-inch pipes, dwg no. CC-4-4-29, Index Sheet 5: page 5, 39 of 64].
FS Date: 10/16/2019 4:01:00 PM

LM Start	0.14	Rating **	M	Issue No.	28 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55813_49797.jpg



Concrete headwall and inlet visible on LS toe.

Photo 2 of 3 : UCIP_SP_2020_55813_49796.jpg



Concrete headwall and inlet visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	0.14	Rating **	M	Issue No.	28 (cont)
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176419 °	39.176419 °
				-122.909954 °	-122.909954 °
DWR ID	21225				

Photo 3 of 3 : UCIP_SP_2020_55813_49795.jpg



Concrete headwall visible on toe of WS berm.

LM Start	0.26	Rating **	M	Issue No.	18
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.176423 °	39.176423 °
				-122.907760 °	-122.907760 °
DWR ID	DWR_NA0009_04_s_2020_18				
Comment Code					
DE : Debris					
Inspector Comment					
Remove barbed wire scraps from the levee slope.					

No Photos

LM Start	0.27	Rating **	M	Issue No.	17
LM End	0.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176413 °	39.176413 °
				-122.907545 °	-122.907545 °
DWR ID	DWR_NA0009_04_s_2020_17				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_6_17_20200403_00023.jpg



View of wild growth on the waterside slope. Spring 2020

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	0.53	Rating **	M	Issue No.	29
LM End	0.53	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.176410 °	39.176410 °
				-122.902740 °	-122.902740 °
DWR ID	21226				

Comment Code

Inspector Comment

DS_ID:21226
FS_ID:55814
EP_NO: 6303A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 10/16/2019 Record remains Non-Urgent; crossing has been abandoned. Owner will need to coordinate with CVFPB to remove or abandon crossing per Title 23 requirements. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/09/2014 Pipe open on waterward side and should be plugged. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 1.5 feet below the crown. Steel cutoff wall around the pipe at center of levee. Pipe connects to 4-inch exposed aluminum pipe connected to upstream side of bridge. (4-inch water pipe authorized through both levees and suspended from the bridge authorized under Permit No. 6303-A, 1968 - John M. Siseuich). [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 10/16/2019 4:02:00 PM

LM Start	0.53	Rating **	M	Issue No.	29 (cont)
LM End	0.53	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2020_55814_49751.jpg



Pipe open on waterward end.

Photo 2 of 3 : UCIP_SP_2020_55814_49750.jpg



Pipe visible on upstream side of bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	0.53	Rating **	M	Issue No.	29 (cont)
LM End	0.53	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.176410 °	39.176410 °
				-122.902740 °	-122.902740 °
DWR ID	21226				

Photo 3 of 3 : UCIP_SP_2020_55814_49749.jpg



Pipe visible on upstream side of bridge.

LM Start	0.54	Rating **	M	Issue No.	20
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176431 °	39.176431 °
				-122.902534 °	-122.902534 °
DWR ID	DWR_NA0009_04_s_2019_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove wild growth from the landside slope.					

No Photos

LM Start	0.74	Rating **	N	Issue No.	14
LM End	0.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.177678 °	39.177678 °
				-122.899097 °	-122.899097 °
DWR ID	DWR_NA0009_04_f_2016_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	0.75	Rating **	U	Issue No.	30	
LM End	0.75	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177676 °	39.177676 °	
				-122.898917 °	-122.898917 °	
DWR ID	21227					
Comment Code						
Inspector Comment						
DS_ID:21227 FS_ID:55811 EP_NO: 11501 Repair Type: Urgent Crossing Status: Found UCIP Comments: 10/16/2019 Record remains Urgent due to evidence of pipe integrity issues on WS pipe collar. Need to audit record to confirm owner. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)09/06/2018 Same as last inspection; crossing remains Urgent because of pipe integrity (D. Sanoski - DWR UCIP).11/30/2016 Clover Creek has significant sediment build up that blocks the outlet. Crossing is still in use to drain water from LS to WS according to LMA representative, Scott Webb. (O. Magana - DWR UCIP)01/09/2014 Pipe rusted through at connection to flap gate. Good indication pipe may need replacement. Video inspection recommended. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 13.8 feet below the crown. Flap gate is located on the waterside (WS) end. Concrete headwalls located on both the WS and landside (LS) ends. (24-inch pipe [HLM 0.77] was retained under Automatic Board Order (ABO) issued as Permit No. 11501, 1975 - Sisevich). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit 506.2, August 1961, (HLM 0.77), Station DR41+70, 24-inch pipe, dwg no. CC-4-4-29, Index Sheet 7: page 7, 41 of 64]. FS Date: 10/16/2019 4:01:00 PM						

Photo 1 of 3 : UCIP_SP_2020_55811_49754.jpg



Drainage canal at inlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	0.75	Rating **	U	Issue No.	30 (cont)
LM End	0.75	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.177676 °	39.177676 °	
			-122.898917 °	-122.898917 °	
DWR ID	21227				

Photo 2 of 3 : UCIP_SP_2020_55811_49753.jpg



Pipe and concrete headwall visible in drainage channel on LS toe.

LM Start	0.75	Rating **	U	Issue No.	30 (cont)
LM End	0.75	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55811_49752.jpg



Flapgate at concrete headwall on WS toe.

LM Start	1.04	Rating **	M	Issue No.	26
LM End	1.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.180440 °	39.180440 °
				-122.896638 °	-122.896638 °
DWR ID	DWR_NA0009_04_s_2019_26				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_6_26_20200302_00007.jpg



View of rodent holes with animal activity near the gate. Spring 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	1.13	Rating **	C	Issue No.	9
LM End	1.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.181415 °	39.185743 °
				-122.895588 °	-122.893320 °
DWR ID	DWR_NA0009_04_f _ 2019_9				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

LM Start	1.19	Rating **	M	Issue No.	15
LM End	1.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.182063 °	39.182353 °
				-122.895070 °	-122.894885 °
DWR ID	DWR_NA0009_04_s_2020_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.19	Rating **	C	Issue No.	12
LM End	1.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.182082 °	39.182369 °
				-122.895062 °	-122.894873 °
DWR ID	DWR_NA0009_04_f_2017_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	1.19	Rating **	U	Issue No.	31
LM End	1.19	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.182079 °	39.182079 °	
			-122.895038 °	-122.895038 °	
DWR ID	21228				

Comment Code

Inspector Comment

DS_ID:21228
FS_ID:55816
EP_NO: 11496
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 10/16/2019 Record was updated from No Action Needed to Urgent due to flap gate failure; flap gate does not seal properly which contributes to uncontrolled flow from WS to LS. Need to audit record to confirm owner. Also need to clear head of ditch to re-establish flow of ditch. Crossing has been internally inspected under the DWR DMP Phase 1 project. Inspection report is still not available. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipes [HLM 1.21] retained under Automatic Board Order (ABO) issued as Permit No. 11496, 1975 - Earl Foutch). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.21), Station A15+50, 24-inch pipe referenced but 42-inch pipe constructed, dwg no. CC-4-4-29, Index Sheet 7: page 7, 41 of 64].
FS Date: 10/16/2019 4:03:00 PM

LM Start	1.19	Rating **	U	Issue No.	31 (cont)
LM End	1.19	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55816_49762.jpg



Drainpipe visible at LS toe.

Photo 2 of 3 : UCIP_SP_2020_55816_49761.jpg



Concrete headwall and drainpipe visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	1.19	Rating **	U	Issue No.	31 (cont)
LM End	1.19	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.182079 °	39.182079 °	
			-122.895038 °	-122.895038 °	
DWR ID	21228				

Photo 3 of 3 : UCIP_SP_2020_55816_49760.jpg



Concrete headwall visible off WS berm.

LM Start	1.19	Rating **	M	Issue No.	13
LM End	1.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.182161 °	39.182862 °
				-122.894983 °	-122.894505 °
DWR ID	DWR_NA0009_04_f_2016_13				
Comment Code					
DT : Ditch					
Inspector Comment					

Photo 1 of 1 : SP_2020_NA0009_6_13_20200302_00006.jpg



View of a ditch at the landside toe looking downstream. Spring 2016

LM Start	1.27	Rating **	M	Issue No.	11
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.183140 °	39.183140 °
				-122.894163 °	-122.894163 °
DWR ID	DWR_NA0009_04_s_2020_11				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	04/01/2020 04/02/2020	Luz Dial

LM Start	1.40	Rating **	M	Issue No.	8
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.184778 °	39.184778 °
				-122.893382 °	-122.893382 °
DWR ID	DWR_NA0009_04_s_2020_8				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	1.42	Rating **	C	Issue No.	10
LM End	1.42	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.185074 °	39.185074 °
				-122.893382 °	-122.893382 °
DWR ID	DWR_NA0009_04_f_2016_10				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2020 Levee Inspection Results

Lake County Watershed Protection District

Waterway			Bank	Unit Miles
Unit No. 05 Clover Creek and Clover Creek Diversion			Left	1.03
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/1/2020 - 4/1/2020			
DWR Inspector	Luz Dial			
Accompanied By	Yuliya Osetrova Lake County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.04	Rating **	C	Issue No.	12
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.177058 °	39.177058 °
				-122.893982 °	-122.893982 °
DWR ID	DWR_NA0009_05_f _ 2019_12				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.04	Rating **	M	Issue No.	9
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.177088 °	39.177150 °
				-122.893980 °	-122.894055 °
DWR ID	DWR_NA0009_05_s_2020_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.04	Rating **	C	Issue No.	11
LM End	0.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.177086 °	39.177086 °
				-122.894018 °	-122.894018 °
DWR ID	DWR_NA0009_05_s_2019_11				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.12	Rating **	C	Issue No.	14
LM End	0.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.177472 °	39.177472 °
				-122.895430 °	-122.895430 °
DWR ID	DWR_NA0009_05_s_2019_14				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.30	Rating **	C	Issue No.	3
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176957 °	39.176957 °
				-122.898673 °	-122.898673 °
DWR ID	DWR_NA0009_05_s_2012_3				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.31	Rating **	M	Issue No.	24
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177076 °	39.177076 °
				-122.898879 °	-122.898879 °
DWR ID	21235				

Comment Code

Inspector Comment

DS_ID:21235
FS_ID:55848
EP_NO: 11507
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/20/2019 Received update from LMA representative, S. Webb, regarding the removal of the gravel bar at the Clover Creek Diversion Structure completed in late October-2019. Photos of the clearing have been uploaded. Record remains Non-Urgent; need to clarify owner for this structure. (O. Magana - DWR UCIP) 10/16/2019 Crossing remains Non-Urgent due to a non-functional structure. As noted in the DWR Levee Annual Inspection report dated June 2019, significant gravel bar is impeding the flow of the channel. The new channel u/s created from the gravel reroutes low flows past the structure. According to LMA representative, S. Webb, this structure might be over designed. Mr. Webb would like to explore potential modifications to the Clover Creek Diversion Structure [six 36-inch pipes]. The proposed modification would include adding a slide gate to the most d/s pipe (designated as pipe 6) and use that one to control summer flows in conjunction the concrete weir. The pipes designated as 3, 4, and 5 (u/s to d/s, middle pipes) would not be necessary and would require proper abandonment. Pipes designated as 1 and 2 with slide gates would remain in use and would be used to allow the clear lake hitch fish to migrate u/s of the tributary. Currently, four of the six pipes without slide gates have metal sheet covering the inlet which prevent flows (flooding) from WS to LS. The structure has been designated for internal video inspection and has been scheduled for December 2019. Recommend having the CVFPB audit ABO to clarify owner. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, S. Webb. (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) 01/09/2014 Some sediment buildup at LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 1 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) end. Steel walkway on the WS slope to slide gate. Concrete headwall on both ends. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31), Station DR40+19 to DR41+10, six 36-inch pipes referenced as Clover Creek Outlet Works, dwg no. CC-4-4-29, Index Sheet 7: page 7, 41 of 64 and Sheet 29/20-21, page 53, 54 of 64]. FS Date: 10/16/2019 4:03:00 PM

Photo 1 of 3 : UCIP_SP_2020_55848_49712.jpg



Slide gate at steel walkway on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.31	Rating **	M	Issue No.	24 (cont)
LM End	0.31	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2020_55848_49711.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.31	Rating **	M	Issue No.	24 (cont)
LM End	0.31	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55848_49710.jpg



Slide gate at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.31	Rating **	M	Issue No.	25
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.177074 °	39.177074 °	
			-122.898902 °	-122.898902 °	
DWR ID	21234				

Comment Code

Inspector Comment

DS_ID:21234
FS_ID:55849
EP_NO: 11507
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/20/2019 Received update from LMA representative, S. Webb, regarding the removal of the gravel bar at the Clover Creek Diversion Structure completed in late October-2019. Photos of the clearing have been uploaded. Record remains Non-Urgent; need to clarify owner for this structure. (O. Magana - DWR UCIP)10/16/2019 Crossing remains Non-Urgent due to a non-functional structure. As noted in the DWR Levee Annual Inspection report dated June 2019, significant gravel bar is impeding the flow of the channel. The new channel u/s created from the gravel reroutes low flows past the structure. According to LMA representative, S. Webb, this structure might be over designed. Mr. Webb would like to explore potential modifications to the Clover Creek Diversion Structure [six 36-inch pipes]. The proposed modification would include adding a slide gate to the most d/s pipe (designated as pipe 6) and use that one to control summer flows in conjunction the concrete weir. The pipes designated as 3, 4, and 5 (u/s to d/s, middle pipes) would not be necessary and would require proper abandonment. Pipes designated as 1 and 2 with slide gates would remain in use and would be used to allow the clear lake hitch fish to migrate u/s of the tributary. Currently, four of the six pipes without slide gates have metal sheet covering the inlet which prevent flows (flooding) from WS to LS. The structure has been designated for internal video inspection and has been scheduled for December 2019. Recommend having the CVFPB audit ABO to clarify owner. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, S. Webb. (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) 01/09/2014 Some sediment buildup on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 2 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) end. Steel walkway on the WS slope to slide gate. Concrete headwalls on both ends. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)].
FS Date: 10/16/2019 4:04:00 PM

Photo 1 of 3 : UCIP_SP_2020_55849_49682.jpg



Slide gate on steel walkway at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.31	Rating **	M	Issue No.	25 (cont)
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.177074 °	39.177074 °	
			-122.898902 °	-122.898902 °	
DWR ID	21234				

Photo 2 of 3 : UCIP_SP_2020_55849_49681.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.31	Rating **	M	Issue No.	25 (cont)
LM End	0.31	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55849_49680.jpg



Slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.32	Rating **	M	Issue No.	26
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177078 °	39.177078 °
				-122.898926 °	-122.898926 °
DWR ID	21233				

Comment Code

Inspector Comment

DS_ID:21233
FS_ID:55853
EP_NO: 11507
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/20/2019 Received update from LMA representative, S. Webb, regarding the removal of the gravel bar at the Clover Creek Diversion Structure completed in late October-2019. Photos of the clearing have been uploaded. Record remains Non-Urgent; need to clarify owner for this structure. (O. Magana - DWR UCIP)10/16/2019 Crossing remains Non-Urgent due to a non-functional structure. As noted in the DWR Levee Annual Inspection report dated June 2019, significant gravel bar is impeding the flow of the channel. The new channel u/s created from the gravel reroutes low flows past the structure. According to LMA representative, S. Webb, this structure might be over designed. Mr. Webb would like to explore potential modifications to the Clover Creek Diversion Structure [six 36-inch pipes]. The proposed modification would include adding a slide gate to the most d/s pipe (designated as pipe 6) and use that one to control summer flows in conjunction the concrete weir. The pipes designated as 3, 4, and 5 (u/s to d/s, middle pipes) would not be necessary and would require proper abandonment. Pipes designated as 1 and 2 with slide gates would remain in use and would be used to allow the clear lake hitch fish to migrate u/s of the tributary. Currently, four of the six pipes without slide gates have metal sheet covering the inlet which prevent flows (flooding) from WS to LS. The structure has been designated for internal video inspection and has been scheduled for December 2019. Recommend having the CVFPB audit ABO to clarify owner. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, S. Webb. (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) 01/09/2014 Some sediment buildup at outlet on LS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 3 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. Steel slide gate plate blocks inlet on the waterside (WS) toe. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)].
FS Date: 10/16/2019 4:04:00 PM

Photo 1 of 3 : UCIP_SP_2020_55853_49666.jpg



Steel slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.32	Rating **	M	Issue No.	26 (cont)
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.177078 °	39.177078 °	
			-122.898926 °	-122.898926 °	
DWR ID	21233				

Photo 2 of 3 : UCIP_SP_2020_55853_49665.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	26 (cont)
LM End	0.32	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55853_49664.jpg



Steel slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.32	Rating **	M	Issue No.	27
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.177074 °	39.177074 °	
			-122.898949 °	-122.898949 °	
DWR ID	21232				

Comment Code

Inspector Comment

DS_ID:21232
FS_ID:55851
EP_NO: 11507
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/20/2019 Received update from LMA representative, S. Webb, regarding the removal of the gravel bar at the Clover Creek Diversion Structure completed in late October-2019. Photos of the clearing have been uploaded. Record remains Non-Urgent; need to clarify owner for this structure. (O. Magana - DWR UCIP)10/16/2019 Crossing remains Non-Urgent due to a non-functional structure. As noted in the DWR Levee Annual Inspection report dated June 2019, significant gravel bar is impeding the flow of the channel. The new channel u/s created from the gravel reroutes low flows past the structure. According to LMA representative, S. Webb, this structure might be over designed. Mr. Webb would like to explore potential modifications to the Clover Creek Diversion Structure [six 36-inch pipes]. The proposed modification would include adding a slide gate to the most d/s pipe (designated as pipe 6) and use that one to control summer flows in conjunction the concrete weir. The pipes designated as 3, 4, and 5 (u/s to d/s, middle pipes) would not be necessary and would require proper abandonment. Pipes designated as 1 and 2 with slide gates would remain in use and would be used to allow the clear lake hitch fish to migrate u/s of the tributary. Currently, four of the six pipes without slide gates have metal sheet covering the inlet which prevent flows (flooding) from WS to LS. The structure has been designated for internal video inspection and has been scheduled for December 2019. Recommend having the CVFPB audit ABO to clarify owner. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, S. Webb. (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) 01/09/2014 Some sediment buildup at outlet on LS toe. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 4 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)].
FS Date: 10/16/2019 4:06:00 PM

Photo 1 of 3 : UCIP_SP_2020_55851_49634.jpg



Steel plate slide gate visible at headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.32	Rating **	M	Issue No.	27 (cont)
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.177074 °	39.177074 °	
			-122.898949 °	-122.898949 °	
DWR ID	21232				

Photo 2 of 3 : UCIP_SP_2020_55851_49633.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	27 (cont)
LM End	0.32	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55851_49632.jpg



Steel plate slide gate visible at headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.32	Rating **	M	Issue No.	28
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.177070 °	39.177070 °	
			-122.898967 °	-122.898967 °	
DWR ID	21231				

Comment Code

Inspector Comment

DS_ID:21231
FS_ID:55854
EP_NO: 11507
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 11/20/2019 Received update from LMA representative, S. Webb, regarding the removal of the gravel bar at the Clover Creek Diversion Structure completed in late October-2019. Photos of the clearing have been uploaded. Record remains Non-Urgent; need to clarify owner for this structure. (O. Magana - DWR UCIP)10/16/2019 Crossing remains Non-Urgent due to a non-functional structure. As noted in the DWR Levee Annual Inspection report dated June 2019, significant gravel bar is impeding the flow of the channel. The new channel u/s created from the gravel reroutes low flows past the structure. According to LMA representative, S. Webb, this structure might be over designed. Mr. Webb would like to explore potential modifications to the Clover Creek Diversion Structure [six 36-inch pipes]. The proposed modification would include adding a slide gate to the most d/s pipe (designated as pipe 6) and use that one to control summer flows in conjunction the concrete weir. The pipes designated as 3, 4, and 5 (u/s to d/s, middle pipes) would not be necessary and would require proper abandonment. Pipes designated as 1 and 2 with slide gates would remain in use and would be used to allow the clear lake hitch fish to migrate u/s of the tributary. Currently, four of the six pipes without slide gates have metal sheet covering the inlet which prevent flows (flooding) from WS to LS. The structure has been designated for internal video inspection and has been scheduled for December 2019. Recommend having the CVFPB audit ABO to clarify owner. The UCIP inspection was completed with DWR Inspector, L. Dial, and DWR Sutter Yard Supervisor, S. Webb. (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) 01/09/2014 Some sediment buildup on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 5 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. Steel slide gate blocks inlet on the waterside (WS) toe. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 10/16/2019 4:06:00 PM

Photo 1 of 3 : UCIP_SP_2020_55854_49622.jpg



Metal slide gate visible at concrete headwall on WS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.32	Rating **	M	Issue No.	28 (cont)
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.177070 °	39.177070 °	
			-122.898967 °	-122.898967 °	
DWR ID	21231				

Photo 2 of 3 : UCIP_SP_2020_55854_49621.jpg



Pipe visible at concrete headwall on LS toe.

LM Start	0.32	Rating **	M	Issue No.	28 (cont)
LM End	0.32	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2020_55854_49620.jpg



Metal slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.32	Rating **	M	Issue No.	29
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177066 °	39.177066 °
				-122.898986 °	-122.898986 °
DWR ID	21229				
Comment Code					
Inspector Comment					
DS_ID:21229 FS_ID:55341 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/16/2019 (O. Magana - DWR UCIP)10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) 01/09/2014 Some sediment buildup at outlet on LS toe. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 6 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. Steel slide gate covers waterside (WS) inlet. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 10/16/2019 4:06:57 PM					

LM Start	0.32	Rating **	M	Issue No.	29 (cont)
LM End	0.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2020_55341_49610.jpg



Steel slide gate visible at headwall on WS toe.

Photo 2 of 3 : UCIP_SP_2020_55341_49609.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.32	Rating **	M	Issue No.	29 (cont)
LM End	0.32	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.177066 °	39.177066 °	
			-122.898986 °	-122.898986 °	
DWR ID	21229				

Photo 3 of 3 : UCIP_SP_2020_55341_49608.jpg



Steel slide gate visible at headwall on WS toe.

LM Start	0.32	Rating **	A/W	Issue No.	13
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.177150 °	39.177150 °
				-122.899111 °	-122.899111 °
DWR ID	LCWPD-01				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Site ID No:19					
Site Designation:LCWPD-01					
Grass and wild growth have covered the erosion on the left bank.					

Photo 1 of 1 : SP_2020_NA0009_7_13_20200403_00042.jpg

View of erosion of the left bank downstream of the diversion structure.
Spring 2020

LM Start	0.32	Rating **	C	Issue No.	16
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.177010 °	39.177010 °
				-122.899110 °	-122.899110 °
DWR ID	DWR_NA0009_05_f_2019_16				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.33	Rating **	M	Issue No.	17
LM End	0.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.176973 °	39.176973 °
				-122.899228 °	-122.899228 °
DWR ID	DWR_NA0009_05_s_2019_17				
Comment Code					
DE : Debris					
Inspector Comment					
Remove a large tire in the waterway.					

Photo 1 of 1 : SP_2020_NA0009_7_17_20200302_00007.jpg



View of large tire and tree log in the waterway. Spring 2019

LM Start	0.54	Rating **	M	Issue No.	30
LM End	0.54	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.175710 °	39.175710 °
				-122.902745 °	-122.902745 °
DWR ID	21230				
Comment Code					
Inspector Comment					
DS_ID:21230 FS_ID:55818 EP_NO: 6303A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/16/2019 Record remains Non-Urgent; crossing has been abandoned. Owner will need to coordinate with CVFPB to remove or abandon crossing per Title 23 requirements. The UCIP inspection was completed with DWR Inspector, L. Dial, and LMA representative, S. Webb. (O. Magana - DWR UCIP)01/09/2014 Pipe plugged on WS near bridge centerline. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 4-inch steel irrigation pipe through the levee, 1.5 feet below the crown. Steel cutoff wall around pipe at center of levee. Pipe connects to 4-inch exposed aluminum pipe visible on upstream side of bridge. (4-inch water pipe authorized through both levees and suspended from the bridge authorized under Permit No. 6303-A, 1968 - John M. Siseuich). [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 10/16/2019 4:07:00 PM					

Photo 1 of 3 : UCIP_SP_2020_55818_49593.jpg



Aluminum irrigation pipe visible on upstream side of bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.54	Rating **	M	Issue No.	30 (cont)
LM End	0.54	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.175710 °	39.175710 °	
			-122.902745 °	-122.902745 °	
DWR ID	21230				

Photo 2 of 3 : UCIP_SP_2020_55818_49592.jpg



Aluminum irrigation pipe visible on upstream side of bridge.

LM Start	0.54	Rating **	M	Issue No.	30 (cont)
LM End	0.54	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2020_55818_49591.jpg



Aluminum pipe plugged near center of bridge.

LM Start	0.55	Rating **	M	Issue No.	22
LM End	0.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.175702 °	39.175702 °
				-122.902881 °	-122.902881 °
DWR ID	DWR_NA0009_05_s_2019_22				
Comment Code					
FE : Fence					
Inspector Comment					
The fence does not appear to be authorized.					

Photo 1 of 1 : SP_2020_NA0009_7_22_20200302_00012.jpg



View of landowner's fence posts placed at levee toe. Spring 2019

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.55	Rating **	C	Issue No.	23
LM End	0.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.175702 °	39.175702 °
				-122.902881 °	-122.902881 °
DWR ID	DWR_NA0009_05_s_2019_23				
Comment Code					
EQ : Equipment					
Inspector Comment					

No Photos

LM Start	0.63	Rating **	M	Issue No.	10
LM End	0.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.175758 °	39.175758 °
				-122.904353 °	-122.904353 °
DWR ID	DWR_NA0009_05_s_2016_10				
Comment Code					
DE : Debris					
Inspector Comment					
Remove prunings and lumber debris.					

Photo 1 of 1 : SP_2020_NA0009_7_10_20200302_00001.jpg



5/2/2016: Remove prunings and lumber debris from L/S toe.

*** Location**
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

**** Rating**
 A : Acceptable N : Not Inspected/Rated
 M : Minimally Acceptable C : Corrected
 U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2020

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/01/2020 04/01/2020	Luz Dial

LM Start	0.82	Rating **	U	Issue No.	20
LM End	0.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.175740 °	39.175750 °
				-122.907980 °	-122.908710 °
DWR ID	LCWPD-02				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:20					
Site Designation:LCWPD-02					
Notes: 5 - 7 ft deep erosion scarps, bank is normally near vertical but at a much smaller drop off, 1 - 3 ft. Erosion widened the creek downstream. The erosion might be past 20-30' from the levee toe.					

Photo 1 of 1 : SP_2020_NA0009_7_20_20200403_00035.jpg



View of erosion of the waterside bank looking downstream. Spring 2020

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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